

**Step by Step Instructions
How to Install and Configure
MicroStation/InRoads V8i
with
The Connecticut Department of Transportation
Digital Design Environment
for
Consultant Engineering and Home Use**

February 2014

Connecticut Department of Transportation
Bureau of Engineering and Construction
Office of Engineering
Division of Design Services
AEC Applications Section

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Note: CTDOT will be migrating to working entirely within the ProjectWise environment (using standard units and managed workspaces for all SS3 MicroStation/Inroad files) sometime within the year. After that time (which will be announced), these workspace resources posted on the web will no longer be updated and will remain available only for legacy projects.

These instruction are based upon installing MicroStation/InRoads on Windows 7 operating system.

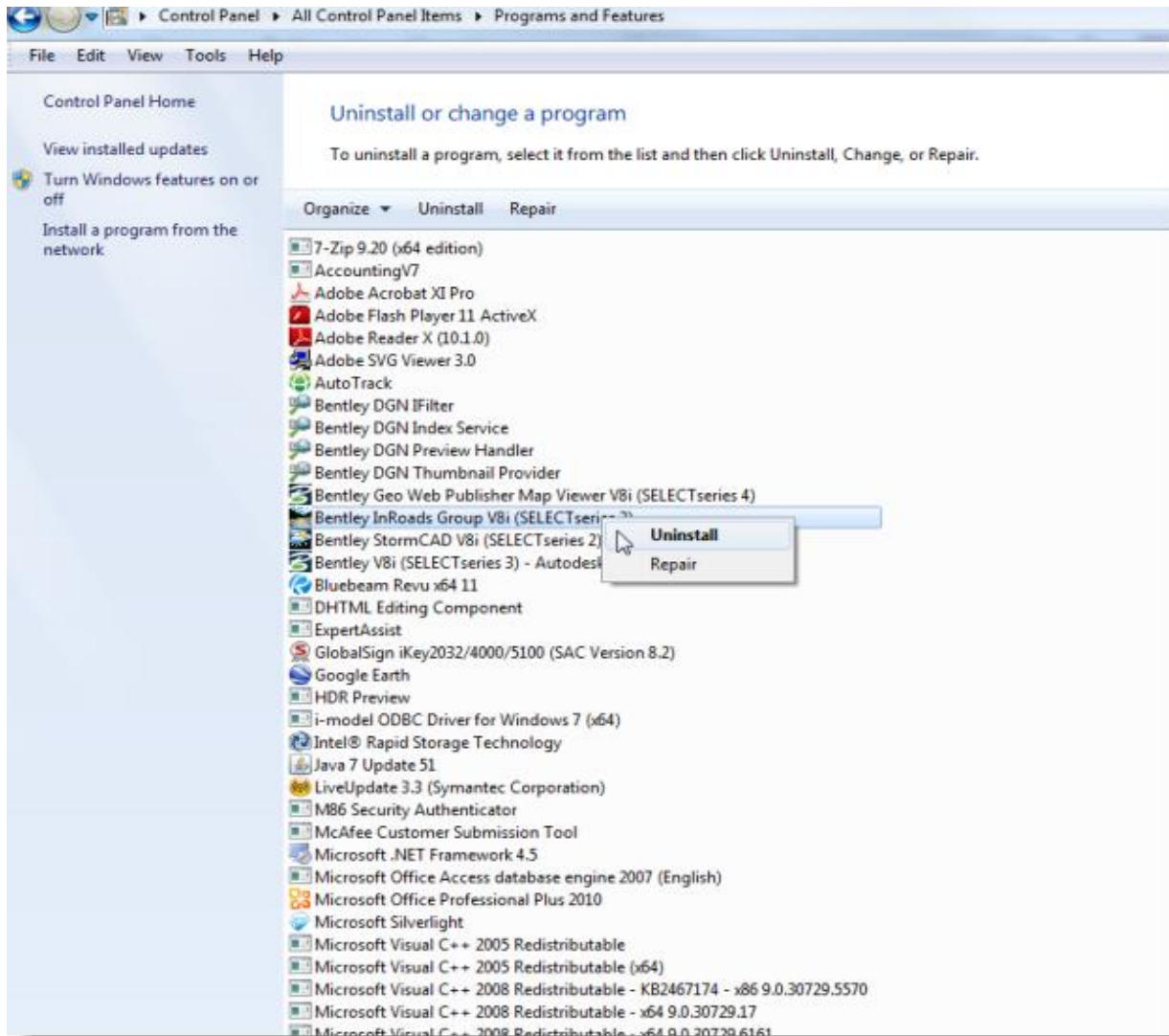
Section 1 **Bentley V8i Software**

1.1 Uninstall Old Versions

If you have older versions of MicroStation or InRoads installed on your machine, they must be uninstalled first.

1.1.1 *Control Panel*

Go to **Start>Control panel>Programs and Features**. Find the old version(s) that needs to be uninstalled right click and select **Uninstall** and follow the prompts:

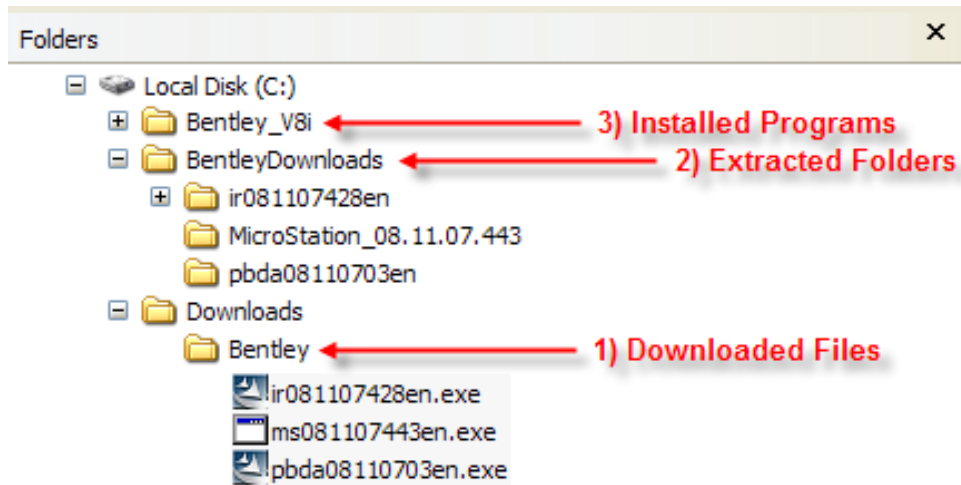


1.2 Step 1 Downloads

1.2.1 Folder Structure

Briefly note what our end results folder structure will look like. The following sections cover this in detail. Please note that during the download process, the **BentleyDownloads** and **Downloads** folders will be created automatically. However, at this point,

1. Create the **Bentley_V8i** folder on the root directory of the C drive.

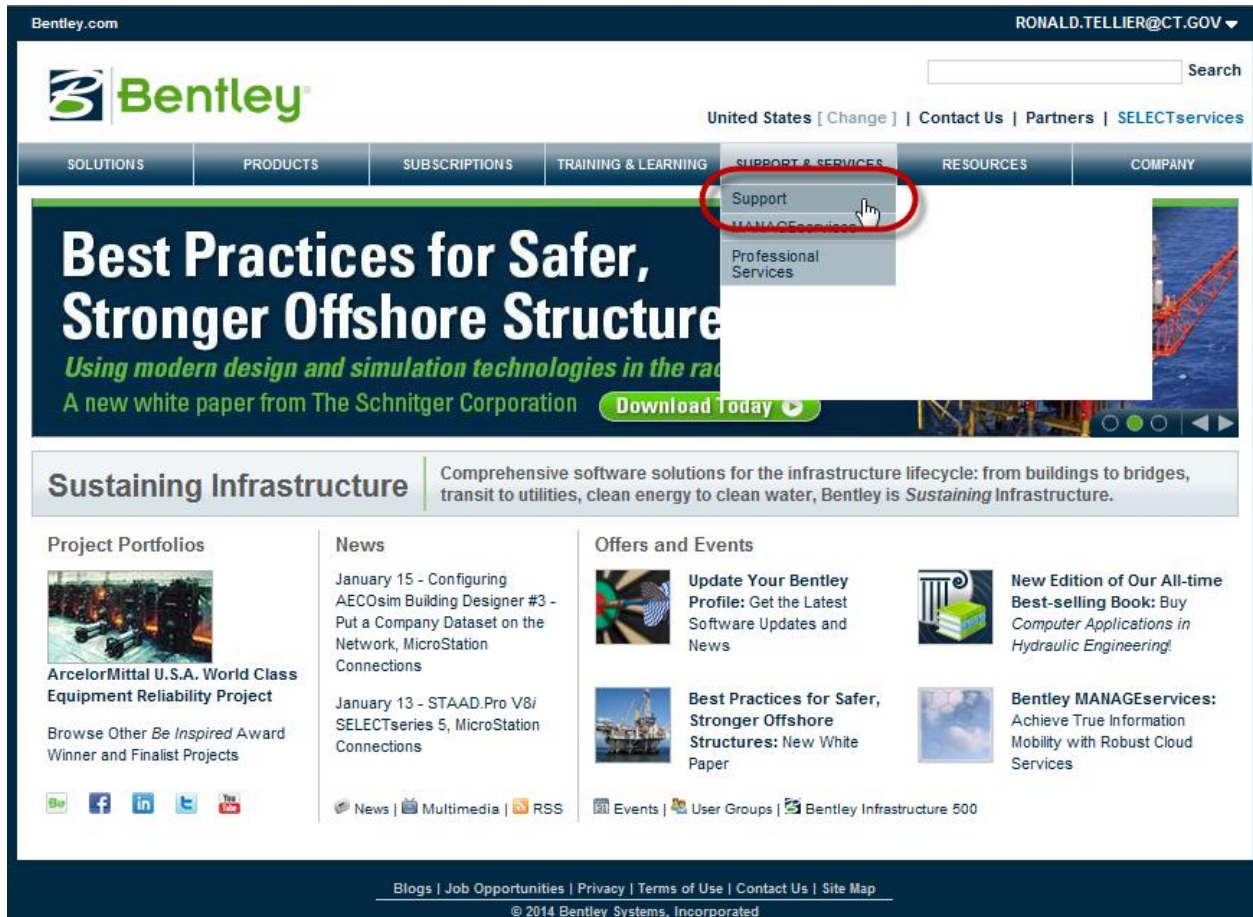


1.2.2 Bentley SELECT Search

1. Sign into <http://www.bentley.com> using your Bentley SELECT ID and password provided by your SELECT services administrator. For CTDOT employees, they are:


Ronald Tellier - ronald.tellier@ct.gov or Elaine Richard – elaine.richard@ct.gov .

2. Select **Support & Services>Support**:



The screenshot shows the Bentley website homepage. At the top, the Bentley logo is on the left, and the user email 'RONALD.TELLIER@CT.GOV' is on the right. Below the logo is a search bar. A navigation bar contains links: SOLUTIONS, PRODUCTS, SUBSCRIPTIONS, TRAINING & LEARNING, SUPPORT & SERVICES, RESOURCES, and COMPANY. The 'SUPPORT & SERVICES' link is circled in red, and a dropdown menu is open, showing 'Support' (highlighted with a red circle and a mouse cursor), 'MANAGEServices', and 'Professional Services'. Below the navigation bar is a large banner for 'Best Practices for Safer, Stronger Offshore Structures' with a 'Download Today' button. Underneath is a 'Sustaining Infrastructure' section with a description. The main content area is divided into three columns: 'Project Portfolios' (featuring the ArcelorMittal U.S.A. World Class Equipment Reliability Project), 'News' (with two articles from January), and 'Offers and Events' (with three items including a book and a white paper). At the bottom, there are social media icons, a footer with links (Blogs, Job Opportunities, Privacy, Terms of Use, Contact Us, Site Map), and a copyright notice for 2014 Bentley Systems, Incorporated.

3. Select Software Downloads:



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Welcome to the SELECTservices Center




At Bentley we are committed to helping you sustain the productivity of your software, your people, and your information. We deliver on that commitment by giving our subscribers access to world class support.

Our always-available support team is accessible through this SELECTservices website, resourced by the same people who are responsible for delivering the software you use – so no one else has more knowledge.

Get help whenever you need it: 24 hours of every day, seven days a week.

If you own Bentley software and are unable to access the Service Request Manager, please use the “request login assistance” link on the [contact us](#) page.

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[User Permissions](#)

[License Tool](#)

[Online Activity](#)

[Personal Profile](#)

Documentation

[SELECTserver](#)

[Product Documentation](#)

[Client Server](#)


[SELECT Program Brochure](#)

[SELECT Program Highlights](#)

[ELS Program Brochure](#)

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4. Select Search by **Product** for **Bentley InRoads** posted within last **All**. Ensure that **Show Dependencies/Required Supporting Files** is checked. This returns all needed InRoads, MicroStation, and Prerequisites downloads. Select **Search**:

www.bentley.com > SELECTservices > Support > Downloads And Updates

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Search for products you'd like to install or have backups of. After making your selection(s), you can either download the files or have us burn the files onto a custom DVD for you (access restrictions may apply).

For a list of products and their certified operating systems posted since January 1, 2006 click [here](#).

Search By:

☒ Product Bentley InRoads

☐ Product Line All

Filter By:

Release Language English

Download Category SELECT Released Products

Files Posted within last All

☒ Show Dependencies/Required Supporting Files

Burn DVD Available? ☒ Yes! ([what's this?](#))

Download Available? ☒ Yes! ([what's this?](#))

Search

Popular Downloads

The following are the top 5 downloads on the SELECTservices site. Select one item. Specify an operating system, then press [GO] to begin the download.

- ☒ [MicroStation V8i - English](#) (08.11.09.459)
- ☐ [STAAD.Pro V8i - English](#) (20.07.10.41)
- ☐ [Prerequisites for Bentley Desktop Applications - English](#) (08.11.07.06)
- ☐ [Bentley IEG License Service - English](#) (02.00.20.01)
- ☐ [i-model Publishing Engine for Hydraulics and Hydrology - English](#) (08.11.07.04)

Go

Download or DVD?

Depending on the permissions given to you by your Site Administrator, you may elect to burn a DVD rather than download your selected files. First find the files you'd like using the form above, then choose the Burn DVD option. Note that some files may only be delivered via a certain medium; look for icons in the search results that denote the delivery type available.

Note: CTDOT's workspaces are configured to work with the following versions:

MicroStation V8i (SELECTseries 2) Version 8.11.07.492 or Higher

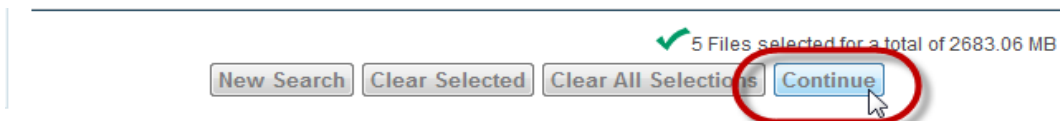
MicroStation V8i (SELECTseries 3) Version 8.11.09.397 or Higher

InRoads V8i (SELECTseries 2 only) Version 8.11.07.428 or higher

This Workspace is not configured to work with OpenRoads - InRoads V8i (SELECTseries 3). InRoads version of 08.11.09.XXX (SS3) or later can only be used within the CTDOT ProjectWise environment. However, the SS2 and SS3 versions can be loaded and run on the same workstation simultaneously.

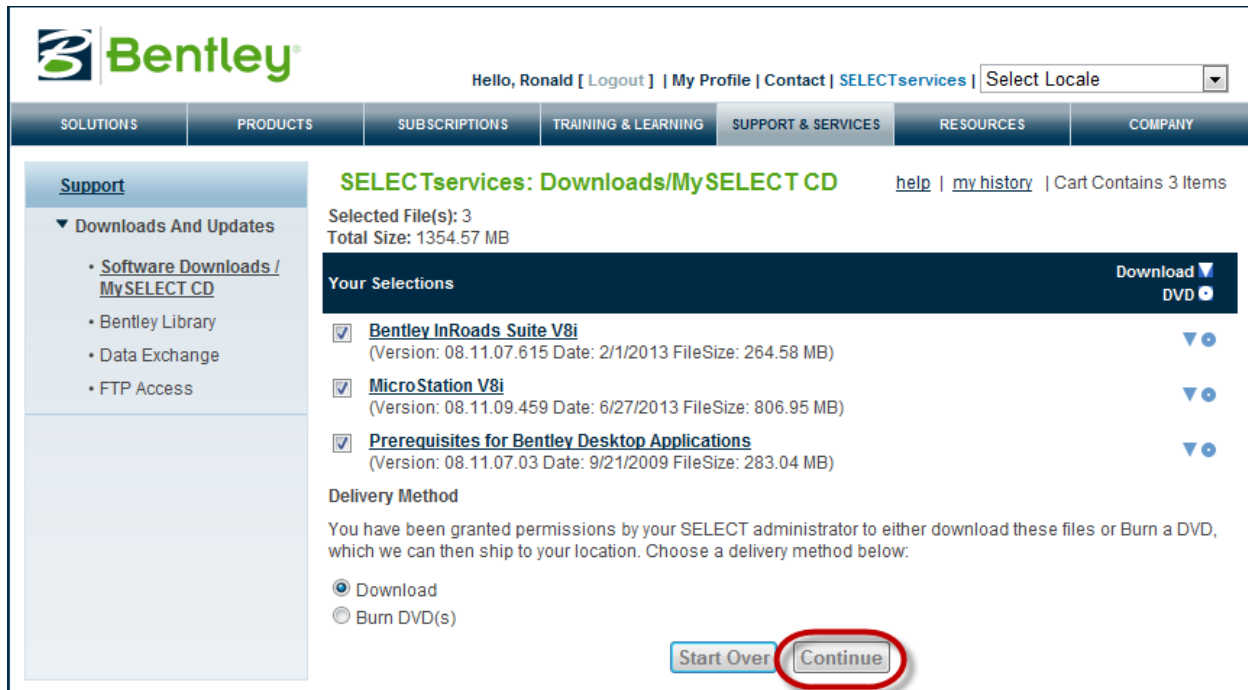
- From the search results, find and check **08.11.07.615** (or later) version of **Bentley InRoads Suite V8i**. Presently, the dependent files include 3 versions of MicroStation; only the latest version (08.11.09.459) is needed. Uncheck the other versions and then select **Continue**:

<input checked="" type="checkbox"/>	Bentley InRoads Suite V8i	Check	▼	08.11.07.615	2/1/2013	264.58 MB	Windows XP, Windows Vista, Windows Vista x64, Windows 7, Windows 7 x64
<hr/>							
Dependencies							
	AutoCAD			2008	6/21/2007		Windows 98, Windows 2000, Windows NT 4.0, Windows ME, Windows XP, Windows Server 2003, Windows Vista, Windows 2000 Server
	AutoCAD			2009	5/9/2008		Windows 98, Windows 2000, Windows NT 4.0, Windows ME, Windows XP, Windows Server 2003, Windows Vista, Windows 2000 Server
	AutoCAD			2010	6/30/2009		Windows 98, Windows 2000, Windows NT 4.0, Windows ME, Windows XP, Windows Server 2003, Windows Vista, Windows Server 2008, Windows XP Tablet PC Edition, Windows 2000 Server
<input checked="" type="checkbox"/>	Prerequisites for Bentley Desktop Applications		▼	08.11.07.03	9/21/2009	283.04 MB	Windows XP, Windows Server 2003, Windows Vista, Windows Vista x64, Windows XP Tablet PC Edition, Windows XP x64, Windows Server 2003 x64, Windows Server 2008 x64, Windows 7, Windows 7 x64
<input checked="" type="checkbox"/>	MicroStation V8i	Uncheck	▼	08.11.07.443	7/16/2010	478.82 MB	Windows XP, Windows Server 2003, Windows Vista, Windows Vista x64, Windows XP Tablet PC Edition, Windows XP x64, Windows Server 2003 x64, Windows Server 2008 x64, Windows 7, Windows 7 x64
	AutoCAD			2011	7/29/2010		Windows XP, Windows Vista, Windows 7
	AutoCAD			2012	7/7/2011		Windows 98, Windows 2000, Windows NT 4.0, Windows ME, Windows XP, Windows Server 2003, Windows Vista, Windows Server 2008, Windows XP Tablet PC Edition, Windows 7, Windows 2000 Server
<input checked="" type="checkbox"/>	MicroStation V8i	Uncheck	▼	08.11.09.357	9/17/2012	849.67 MB	Windows XP, Windows Server 2003, Windows Vista, Windows Vista x64, Windows XP Tablet PC Edition, Windows XP x64, Windows Server 2003 x64, Windows Server 2008 x64, Windows 7, Windows 7 x64, Windows 8, Windows 8 x64
<input checked="" type="checkbox"/>	MicroStation V8i		▼	08.11.09.459	6/27/2013	806.95 MB	Windows XP, Windows Server 2003, Windows Vista, Windows Vista x64, Windows XP Tablet PC Edition, Windows XP x64, Windows Server 2003 x64, Windows Server 2008 x64, Windows 7, Windows 7 x64, Windows 8, Windows 8 x64



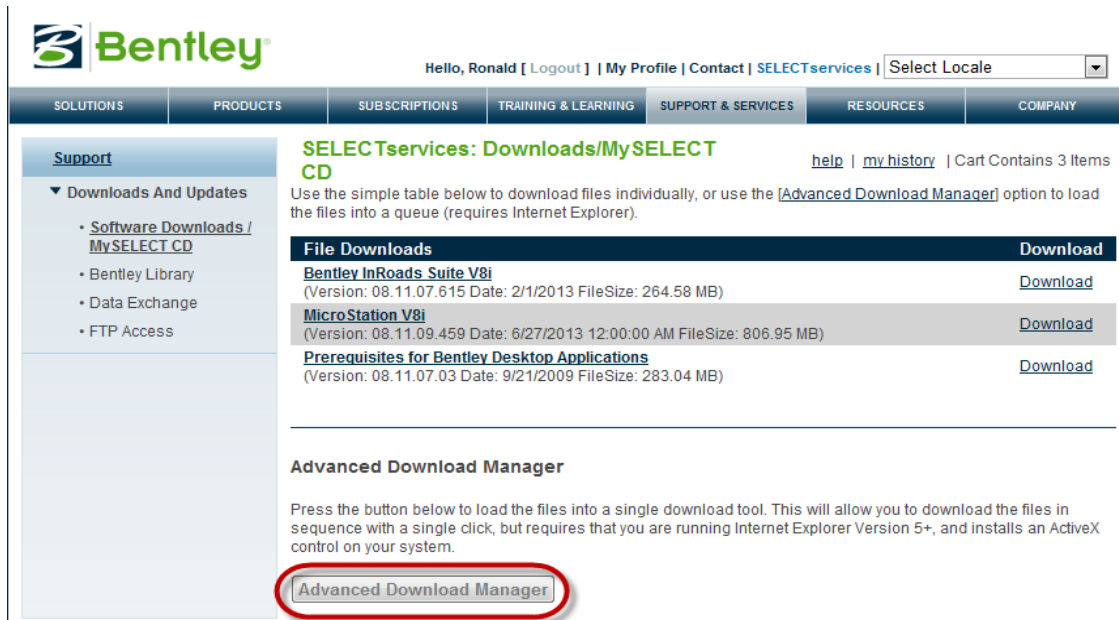
6. Select **Continue** with selected files:

Note: Burn CD(s) is not an available option for CTDOT users.



7. **Accept** Legal Terms of Use..

8. At this point, all of the files can be downloaded at once using the **Advanced Download Manager** or the files may be downloaded one at a time by selecting **Download** next to each file. To download all of the files at once, select **Advanced Download Manager**:



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SELECTservices: Downloads/MySELECT CD [help](#) | [my history](#) | Cart Contains 3 Items

Use the simple table below to download files individually, or use the [Advanced Download Manager](#) option to load the files into a queue (requires Internet Explorer).

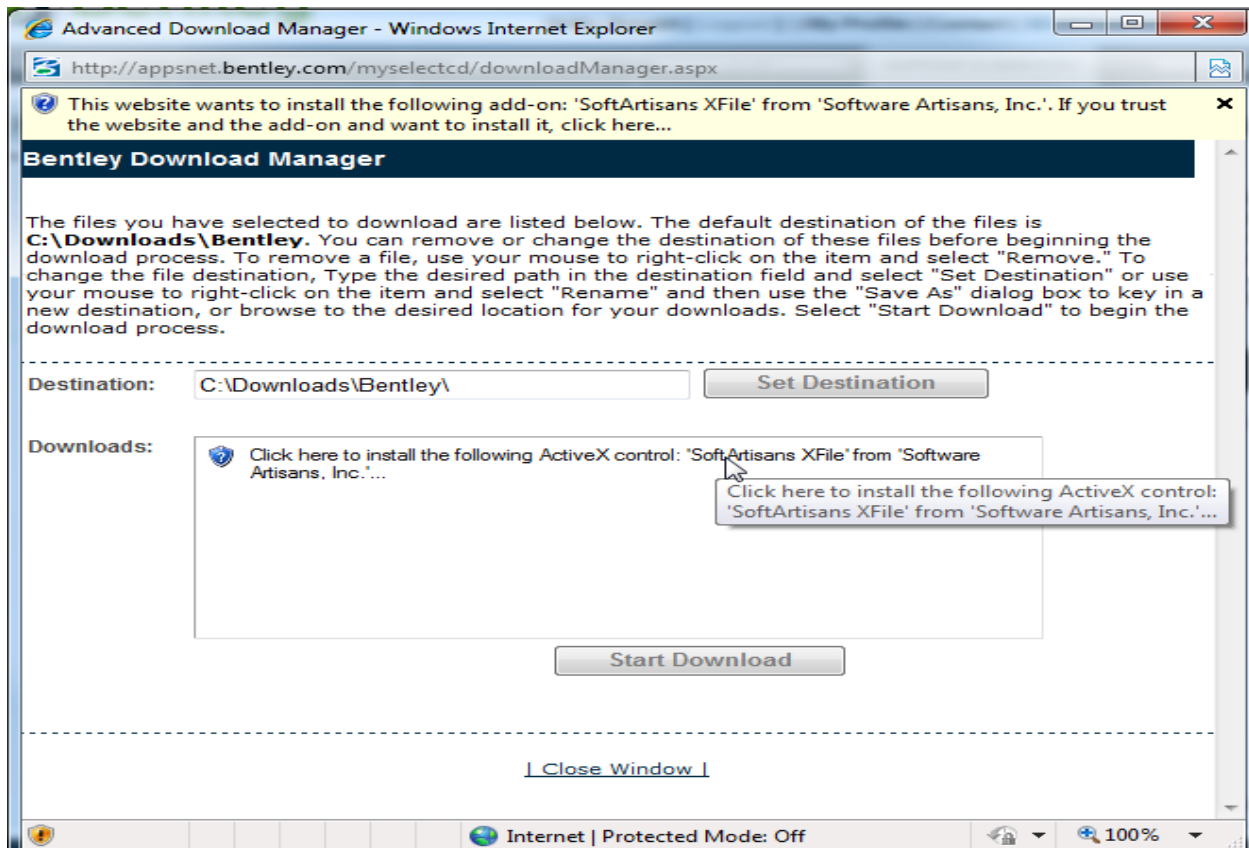
File Downloads	Download
Bentley InRoads Suite V8i (Version: 08.11.07.615 Date: 2/1/2013 FileSize: 264.58 MB)	Download
MicroStation V8i (Version: 08.11.09.459 Date: 6/27/2013 12:00:00 AM FileSize: 806.95 MB)	Download
Prerequisites for Bentley Desktop Applications (Version: 08.11.07.03 Date: 9/21/2009 FileSize: 283.04 MB)	Download

Advanced Download Manager

Press the button below to load the files into a single download tool. This will allow you to download the files in sequence with a single click, but requires that you are running Internet Explorer Version 5+, and installs an ActiveX control on your system.

[Advanced Download Manager](#)

9. At this point you may be prompted to install an Active X control. Click to install:



Advanced Download Manager - Windows Internet Explorer

http://appsnet.bentley.com/myselectcd/downloadManager.aspx

This website wants to install the following add-on: 'SoftArtisans XFile' from 'Software Artisans, Inc.'. If you trust the website and the add-on and want to install it, click here...

Bentley Download Manager

The files you have selected to download are listed below. The default destination of the files is **C:\Downloads\Bentley**. You can remove or change the destination of these files before beginning the download process. To remove a file, use your mouse to right-click on the item and select "Remove." To change the file destination, Type the desired path in the destination field and select "Set Destination" or use your mouse to right-click on the item and select "Rename" and then use the "Save As" dialog box to key in a new destination, or browse to the desired location for your downloads. Select "Start Download" to begin the download process.

Destination: [Set Destination](#)

Downloads:

Click here to install the following ActiveX control: 'SoftArtisans XFile' from 'Software Artisans, Inc.'...

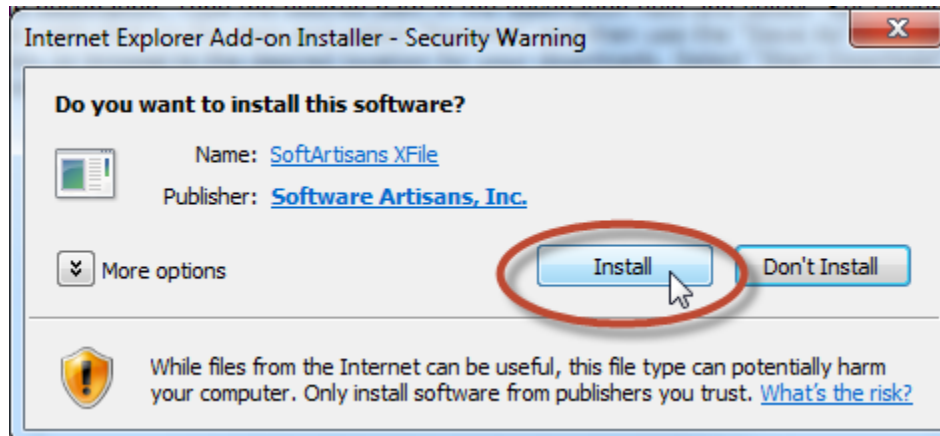
Click here to install the following ActiveX control: 'SoftArtisans XFile' from 'Software Artisans, Inc.'...

[Start Download](#)

[Close Window](#)

Internet | Protected Mode: Off

100%

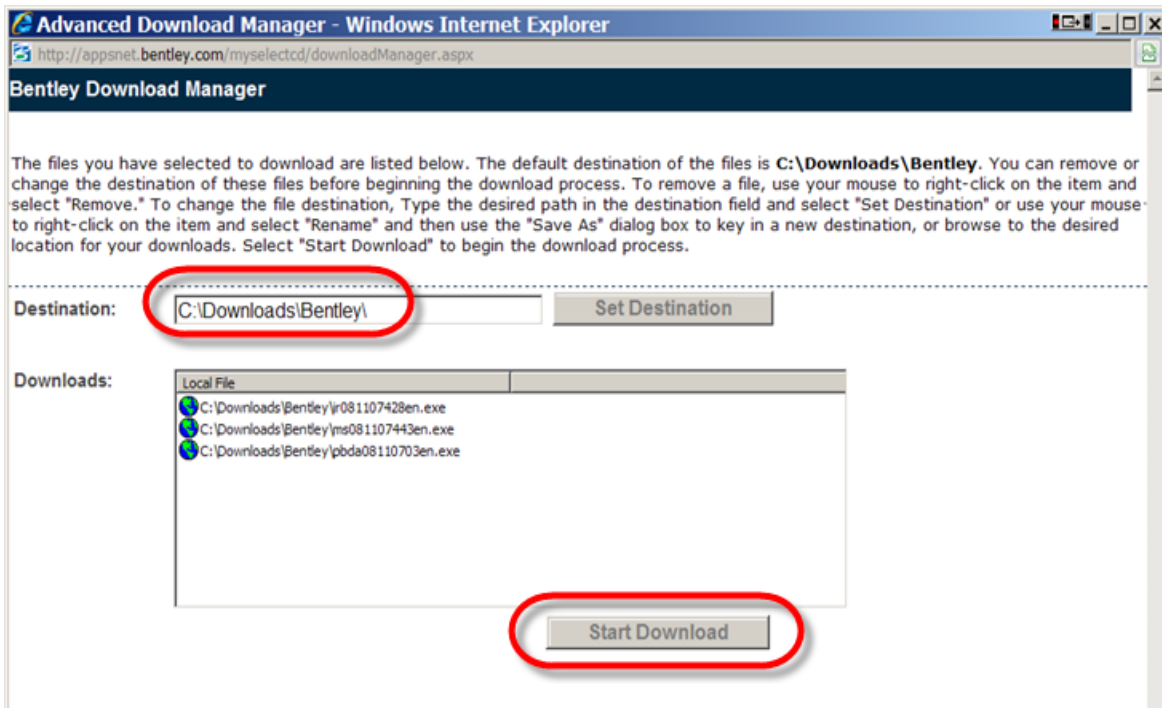


If you do not wish to install the Active X control, select **Download** next to each file as shown in Step 8. However, if this method is used, the default location is usually C:\Users\User Name\Downloads, not C:\Downloads\Bentley. Pay attention to where the files are downloaded to.

Note: Some browsers (e.g. Mozilla's Firefox) do not support ActiveX, so Microsoft's Internet Explorer must be used.

1.2.3 Download Files

1. Leave C:\Downloads Bentley\ as the default destination. Files will only be saved here, not installed here. Select **Start Download** (which may take several minutes):



If you experience difficulties downloading, refer to the *Troubleshooting* guide on Bentley's website:

www.bentley.com > SELECTservices > Support > Downloads And Updates

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- Bentley Library
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SELECTservices: Advanced Download Manager

[help](#) | [my history](#) | Cart Contains 3 Items

How to Install

MicroStation V8 and the Extensions you choose to receive (via the Bentley Download Manager or MySELECT CD) will be delivered in separate executable install files (.exe). MicroStation V8 must be installed on your computer before any of the Extensions can be installed. If you have multiple Extensions, they can be installed in any order after MicroStation V8. To begin the installation process, choose "Run" from the Windows Start Menu and key in or browse to the location of the installation files on your computer. Select "OK" to begin. The Install Wizard will lead you through the installation process. By default the Bentley Download Manager places downloaded files in C:\Downloads\Bentley.

Troubleshooting

If you experience an error when attempting to download files via this screen, it may be caused by:

- A security setting that is too restrictive
- The existence of pop-up blocking software

To remedy this, please ensure that:

- Pop-up blocking software is disabled
- Your Internet Explorer Security Settings are set as follows:
 - Enable components signed with Authenticode
 - Prompt when Downloading signed ActiveX controls
 - Run ActiveX controls and plug-ins
 - Script ActiveX Controls marked as safe for scripting
 - Enable file downloads
 - Active Scripting Enable

NOTE: These are the default custom security settings for Internet Explorer.

Once you have disabled any pop-up blocking software, simply return to the previous page to try again.

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1.3 Step 2 Extract/Install

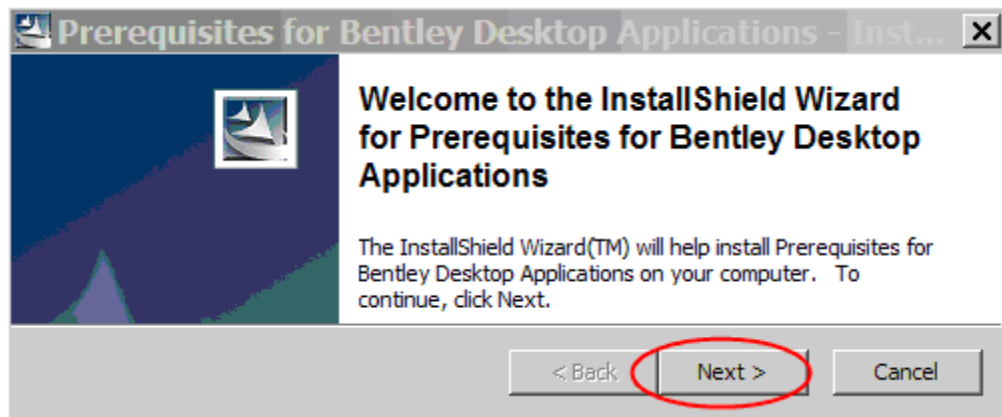
1. Browse to *C:\Downloads\Bentley* (or to where files were downloaded to) when download is complete. You will have the option to extract folders and files only (and install programs later), or extract and install. **Files must be extracted in this order:**

1. *pbda08110703en.exe* (prerequisites)
2. *ms081109459en.exe* (MicroStation Select Series 2)
3. *ir081107615en.exe* (InRoads Select Series 2).

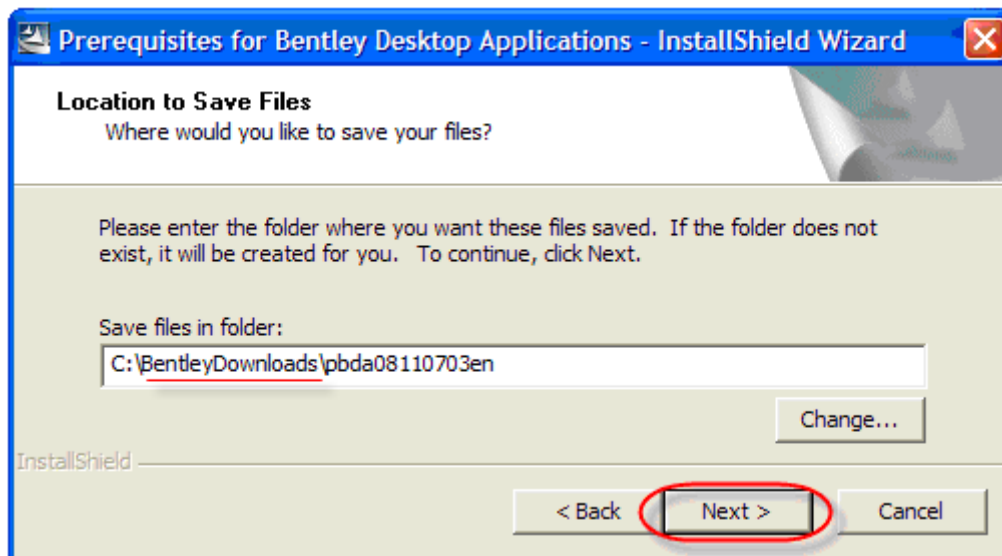
Note: File names reflect the latest exe versions; these will change with later versions.

1.3.1 Prerequisites

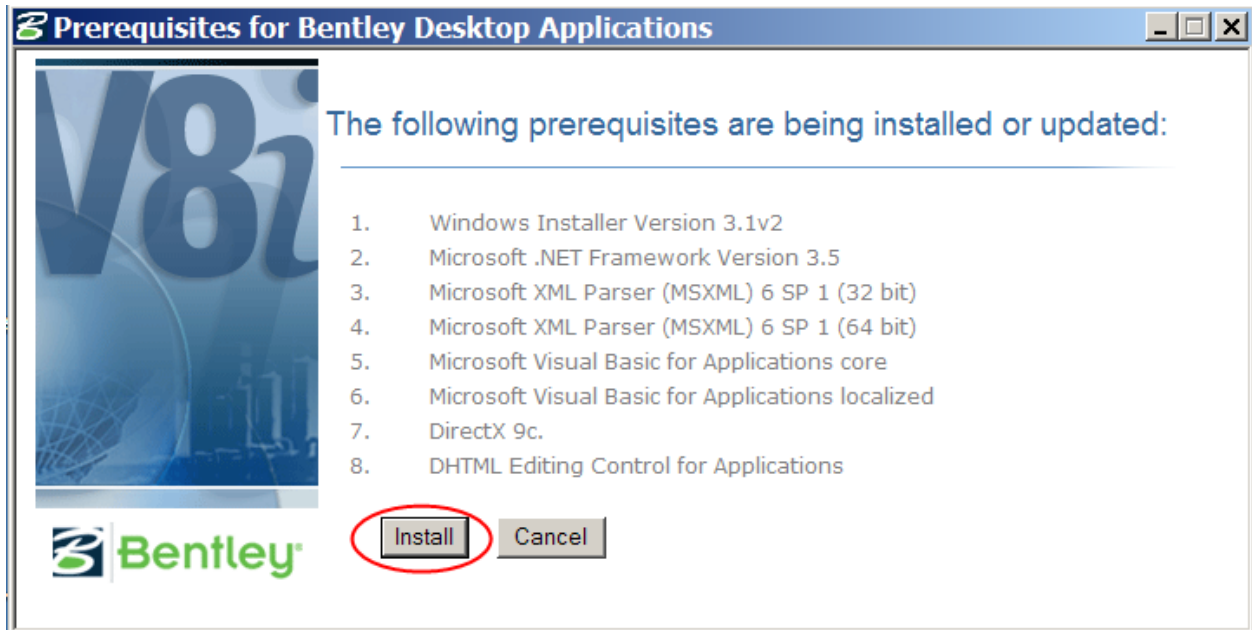
2. Double click on the prerequisite file *pbda08110703en.exe*. Select **Next**:



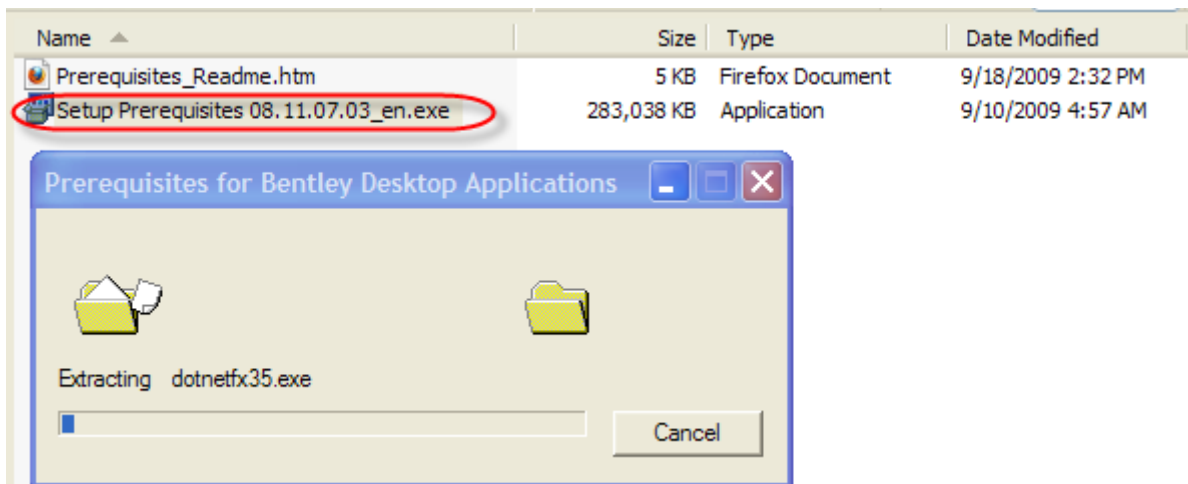
3. Leave *C:\BentleyDownloads* as the default. Note that this is a different location than the exe that you clicked. A *pbda08110703en* folder will be created for the extracted files. Select **Next**:



4. Select **Install** then **OK** when complete:



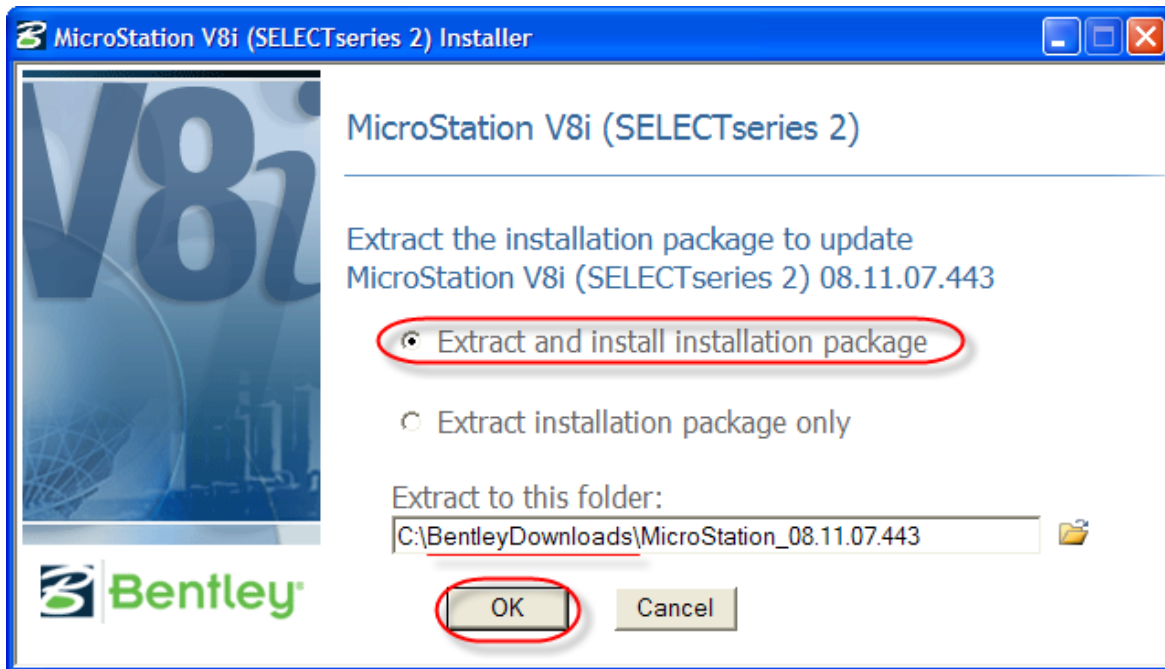
5. If you only extracted the prerequisite files at this point, you can run setup from the new prerequisite *pbda08110703en* folder later:



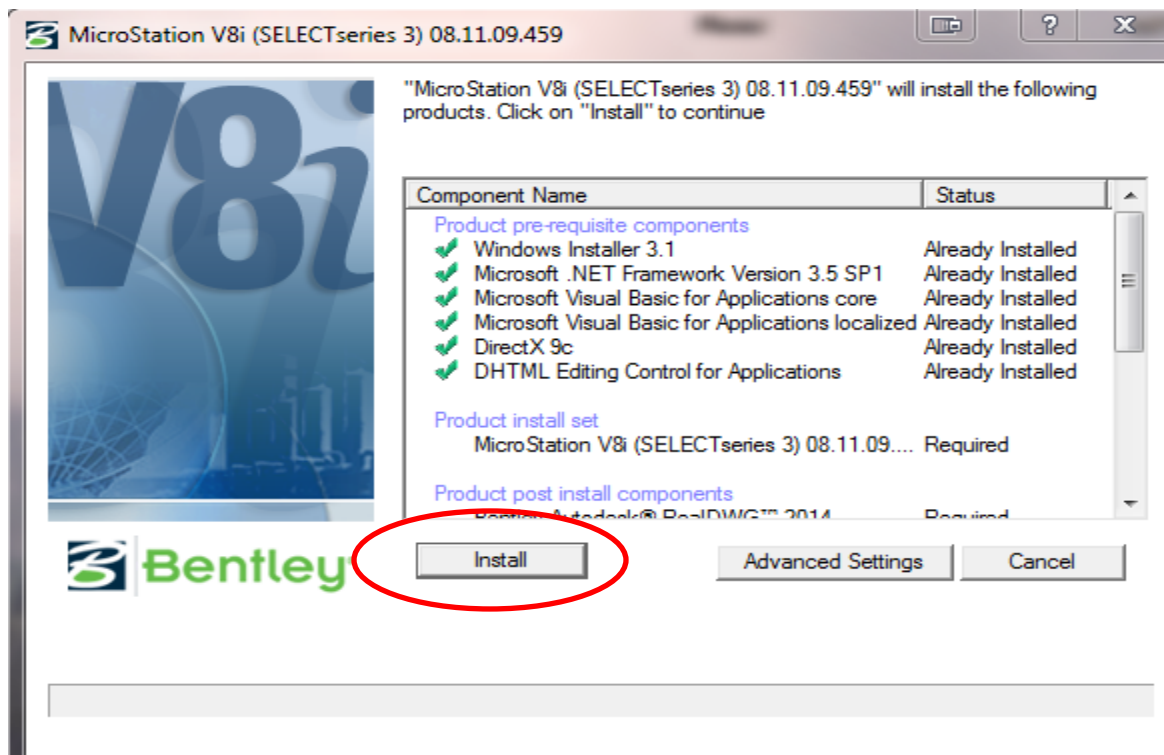
1.3.2 MicroStation V8i

6. Browse back to *C:\Downloads\Bentley* (or to where files were downloaded to) and double click on the MicroStation file *ms081109459en.exe*.

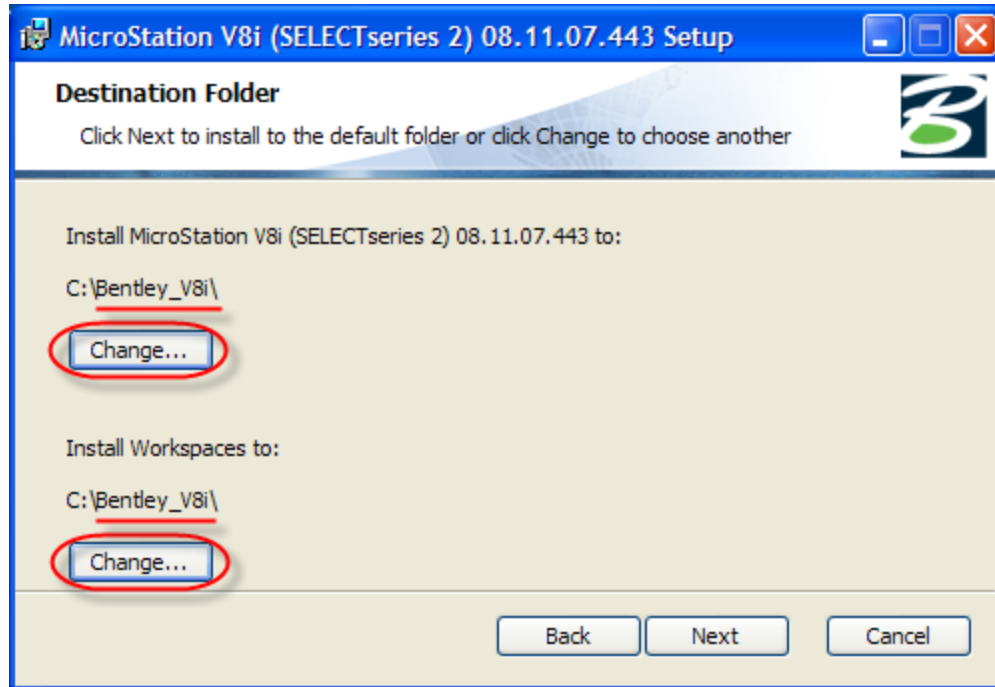
7. Check *Extract and install installation package*. Leave the default location as *C:\BentleyDownloads\MicroStation_ms081109459en*. Note that this is not where the program will be installed. That is elsewhere and will be set shortly. Select **OK**:



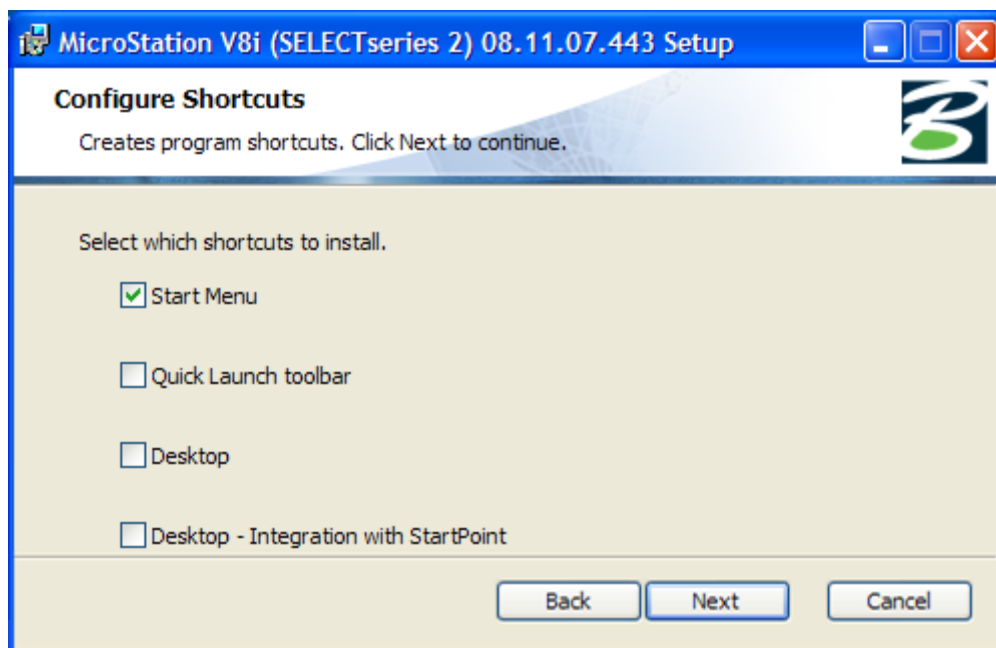
8. Select **Install**:



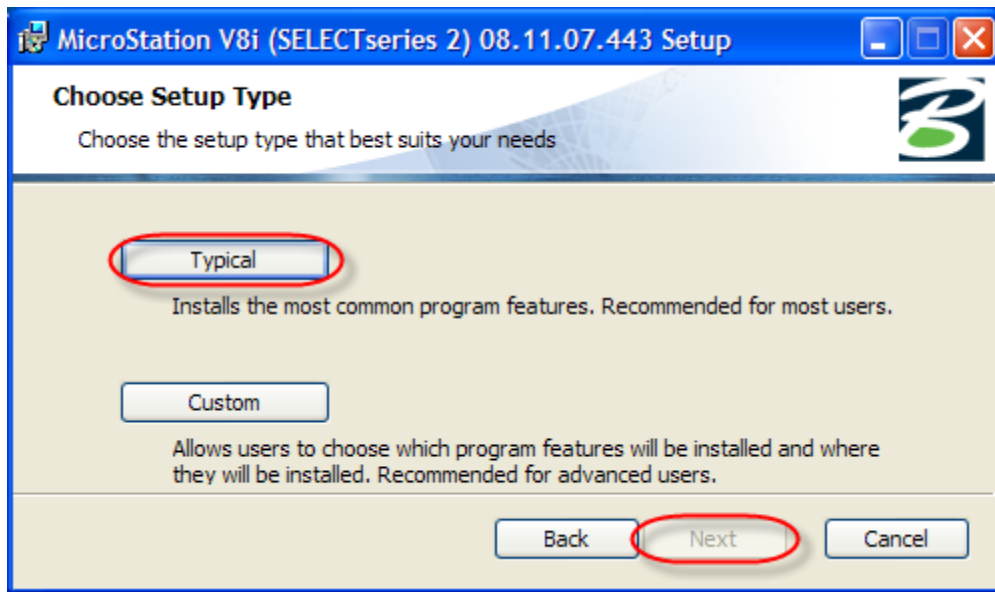
9. **Accept** the *End User License Agreement* after carefully reading it.
10. CTDOT requires a local folder under C:\ for the program destination rather than the *Program Files* default. Use the C:\Bentley_V8i folder that was created earlier. Select **Change** and browse to that folder. Also **Change** the Install Workspaces destination. Select **Next**:



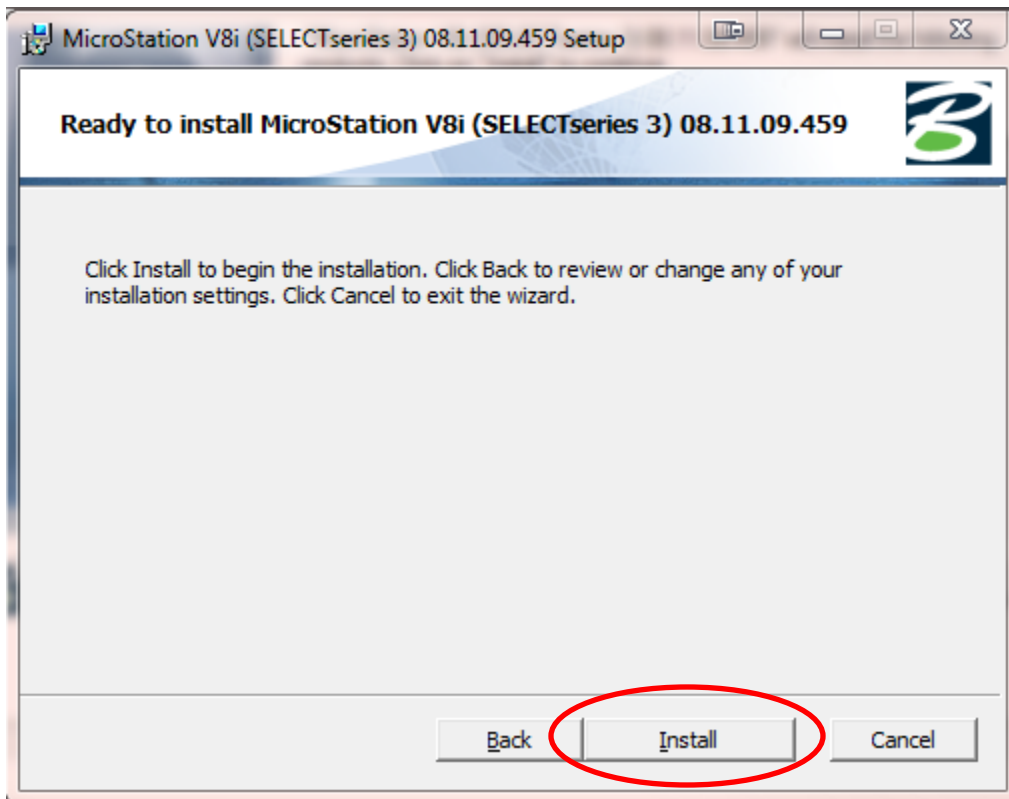
11. Configure shortcuts by unchecking everything but *Start Menu*. This will allow access to additional Bentley products. Select **Next**:



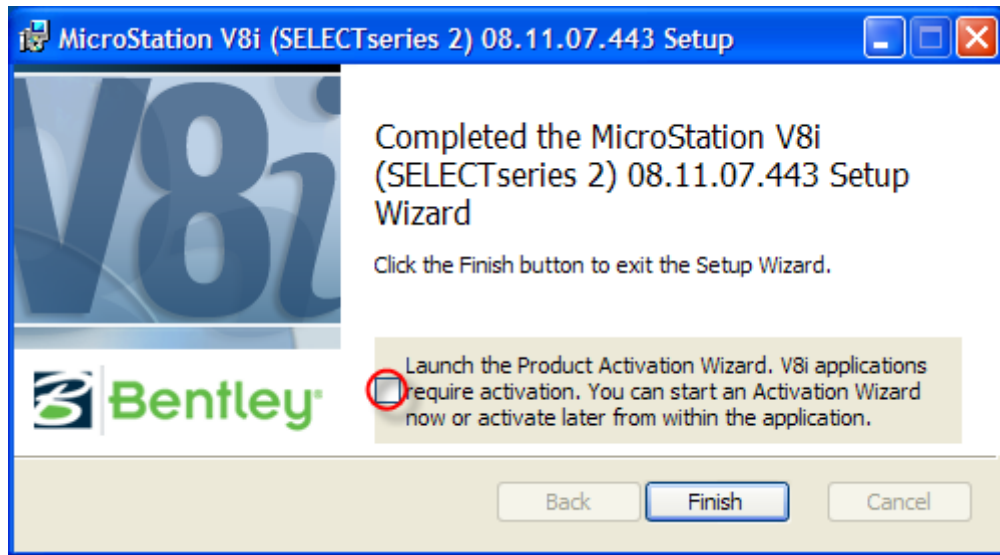
12. Select **Typical** for Setup Type, then **Next**:



13. Select **Install**:

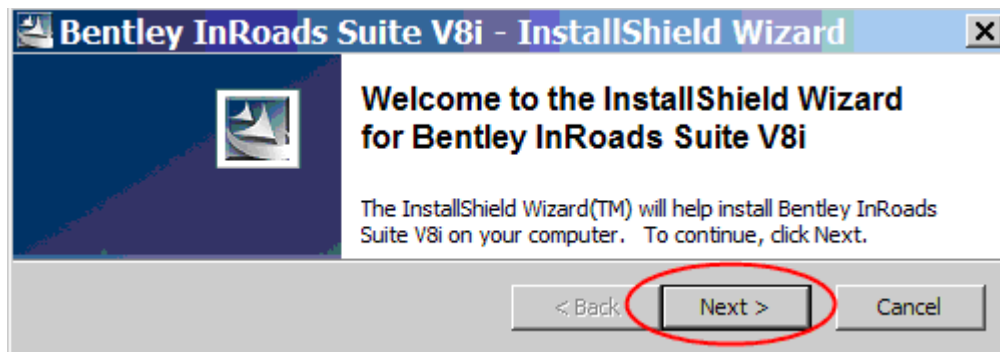


14. Do not launch the *Product Activation Wizard* yet. We will address this in another section. Allow other Bentley products to finish installing by selecting **Finish**:

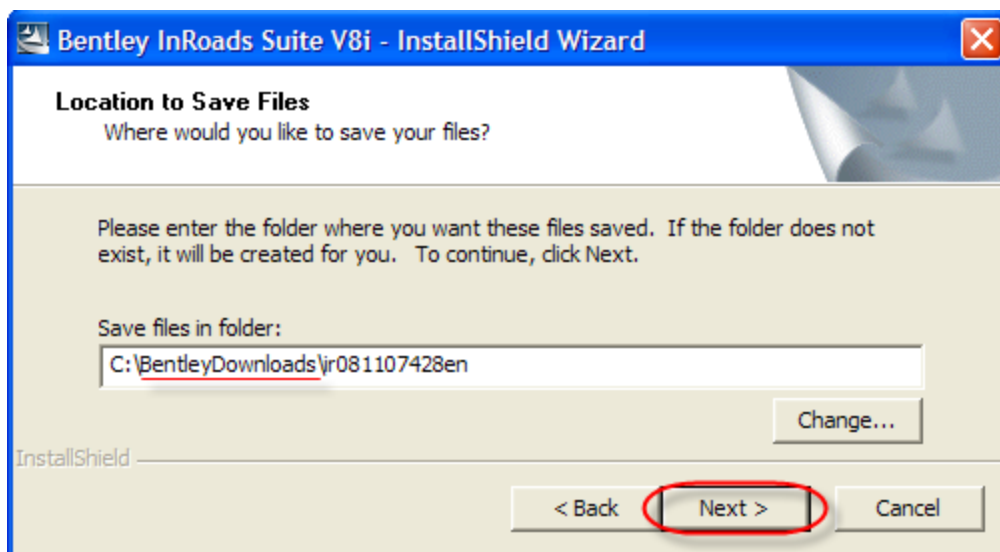


1.3.3 InRoads Suite V8i

1. Browse to *C:\Downloads\Bentley* (or to where files were downloaded to). Double click the *InRoads Suite* file *ir081107615en.exe* to extract and install files.
2. Select **Next**:

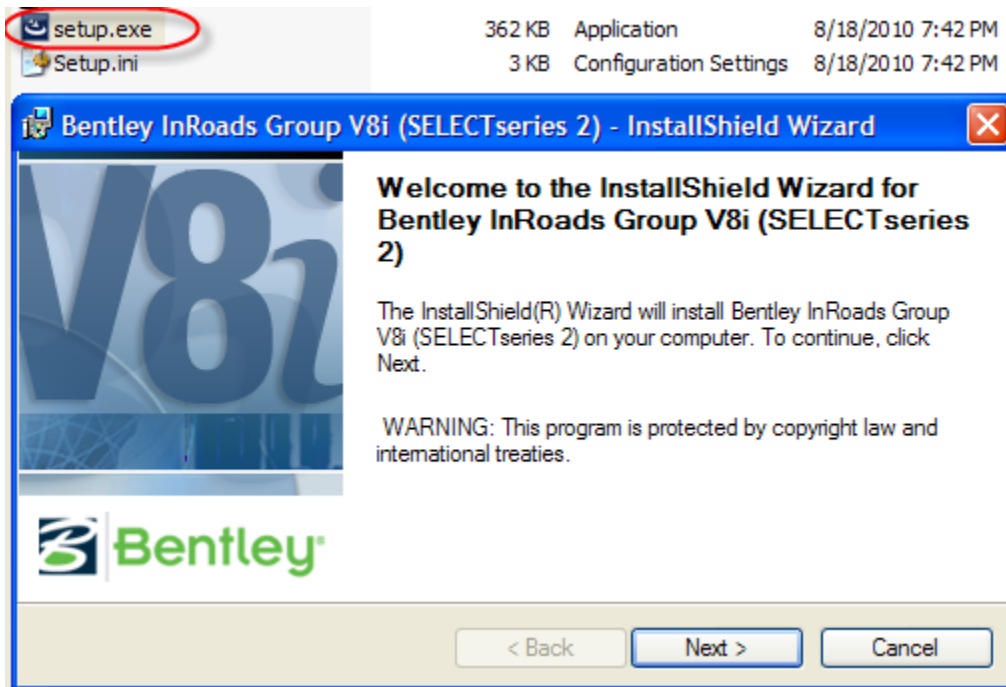


3. Leave the default folder location for the files as *C:\BentleyDownloads\ir081107615en*. The program destination will be different and set shortly.
4. Select **Next**:



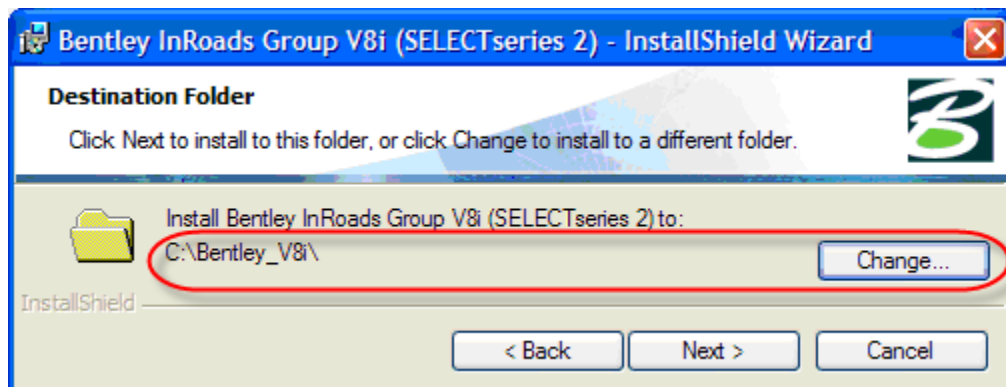
5. Select **Next**

Note: If you only extracted the InRoads files at this point, you can run setup later from the new InRoads folder *ir08110748en*:

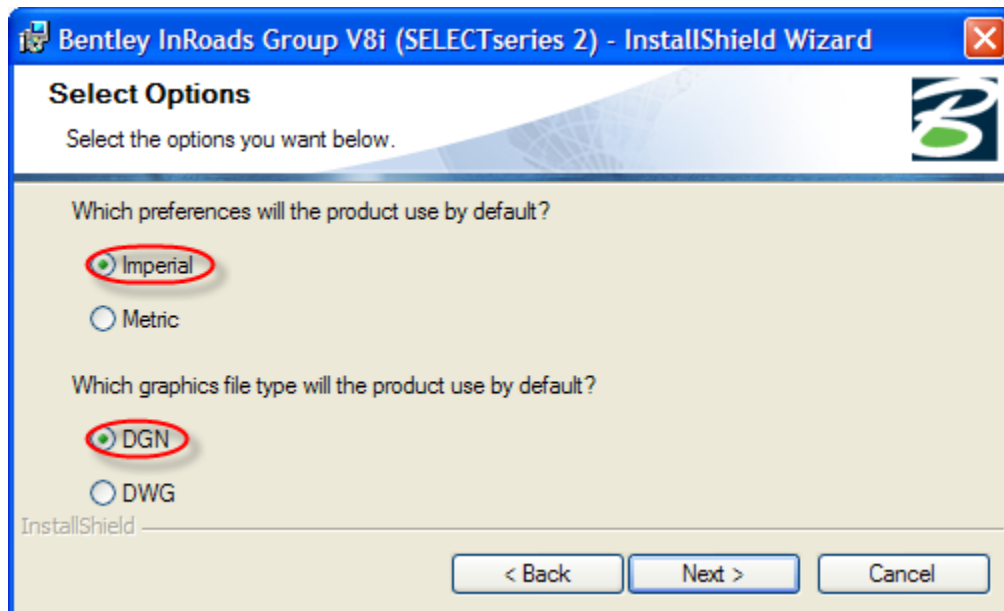


6. Accept the *End User License Agreement* after carefully reading it.

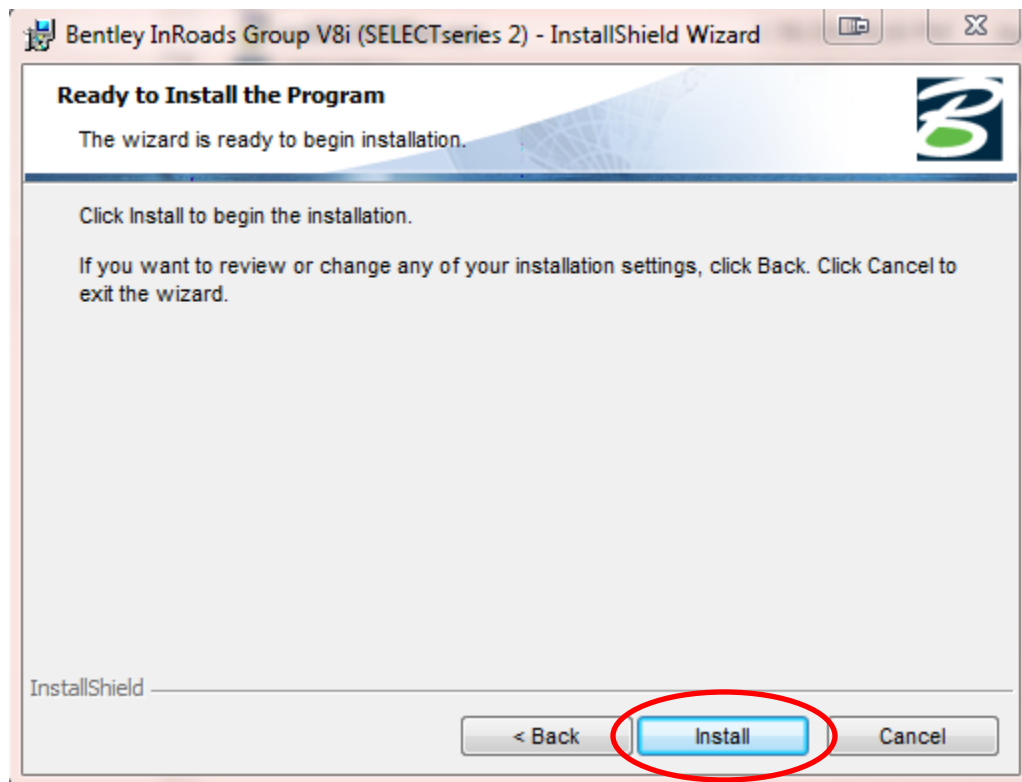
7. For the program destination folder, select **Change** and browse to *C:\Bentley_V8i* and select **Next**:



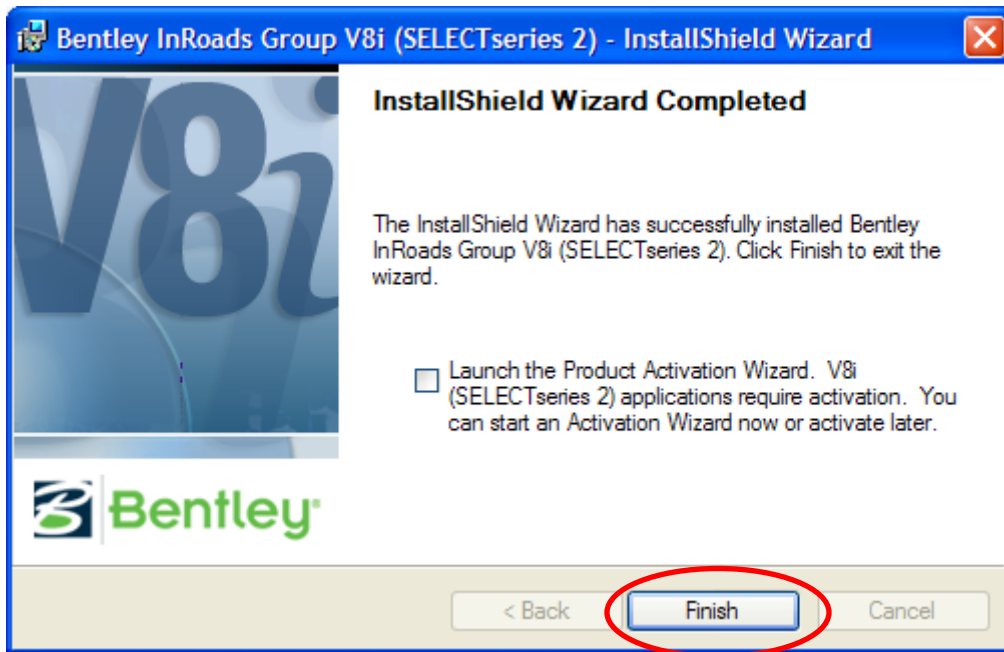
8. Select **Imperial** and **DGN** in the Select Options dialog. Select **Next**:



9. Select **Install**:

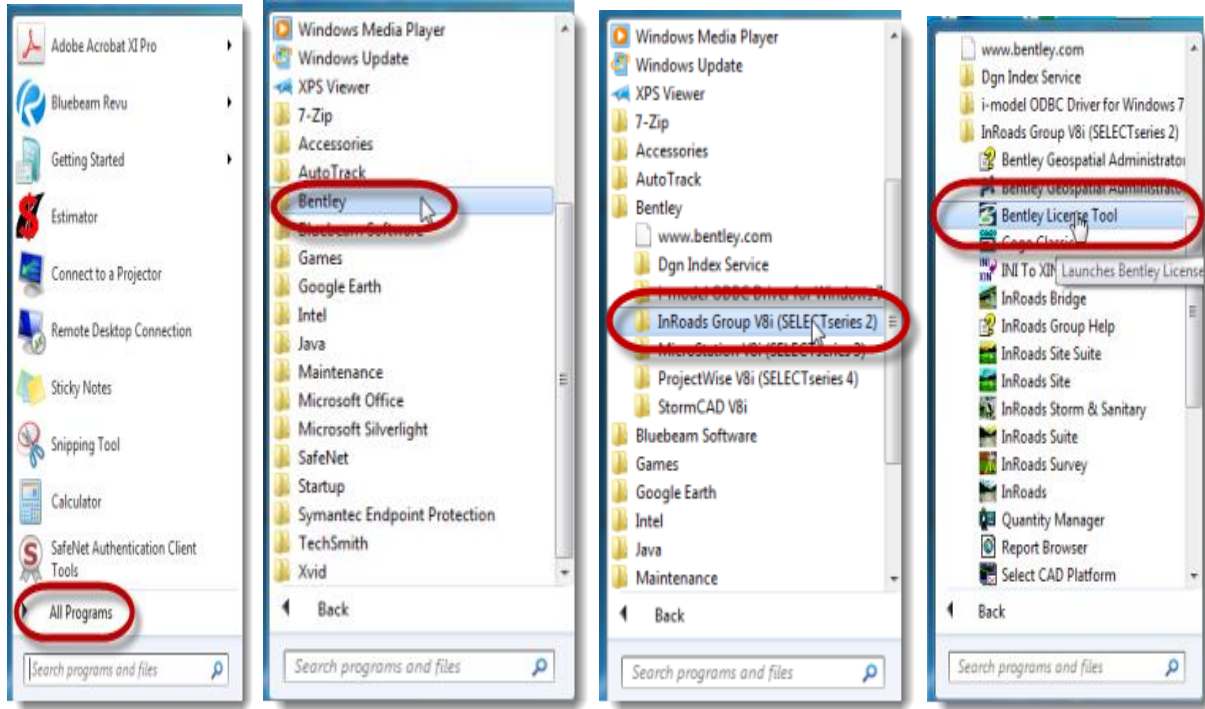


10. When InRoads installation is complete, either check the *Launch* box now for the *Product Activation Wizard* or wait and follow steps in the next section. Select **Finish**:



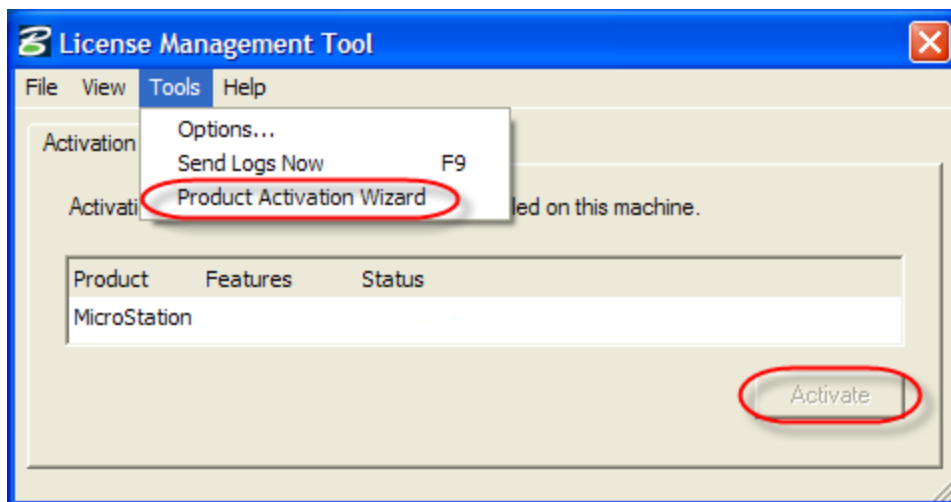
1.4 Step 3 Product Activation Wizard

1. If the *Product Activation Wizard* has been launched, skip the next two steps.
2. From *Start* menu, choose *All Programs > Bentley > InRoads Group V8i > Bentley License Tool*.

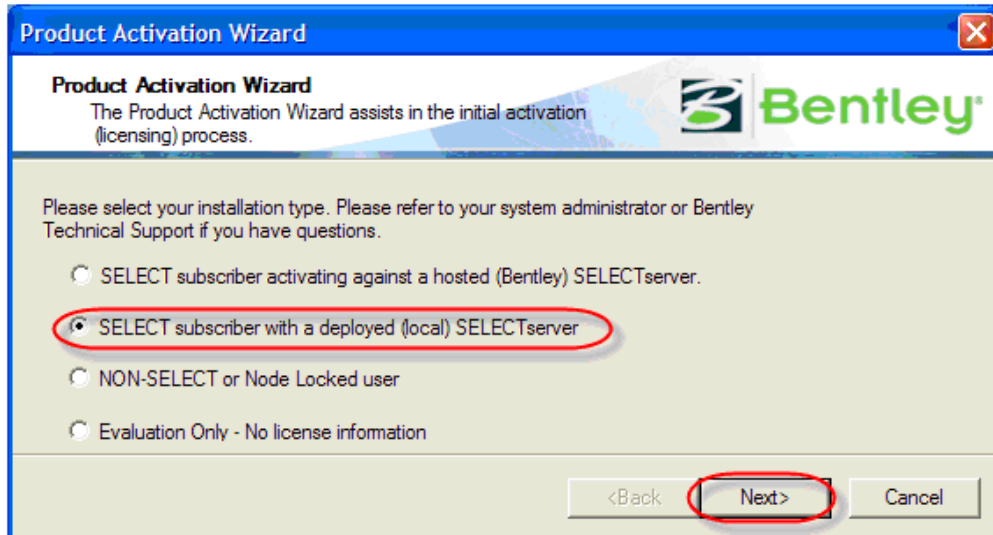


3. From the *License Management Tool*, choose *Tools > Product Activation Wizard* and select **Activate**:

(You can also start the *Product Activation Wizard* from within MicroStation by *Utilities > License Management > Tools > Product Activation Wizard*.)

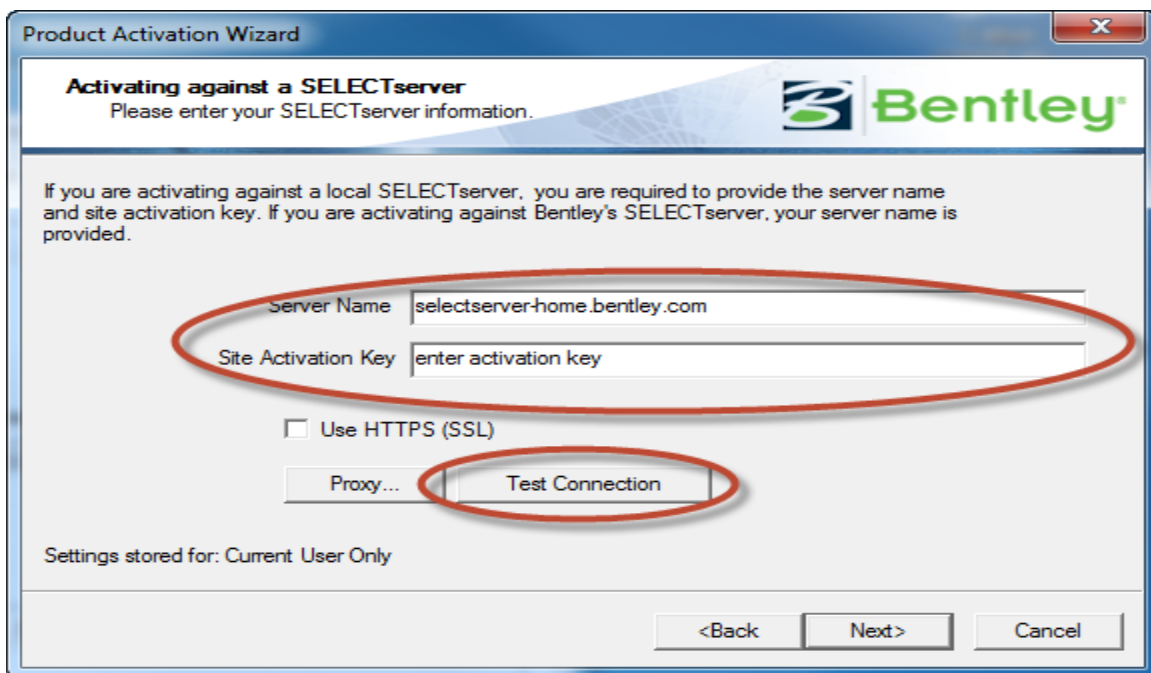


4. If you do not have a Site Activation Key, there is a 30 day window to obtain one through a SELECTservices Administrator.
5. **CTDOT employees only** (all others, skip this section and follow instructions provided by your company's Bentley SELECTservices Administrator):
6. Select *SELECT subscriber with a deployed (local) SELECT server* then select **Next**:

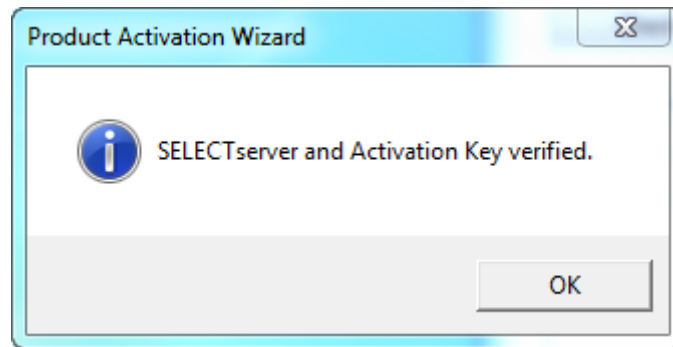


7. **Do not** use the default Server Name. Enter "*selectserver-home.bentley.com*" for Server Name and the Site activation Key and then select **Test Connection**:

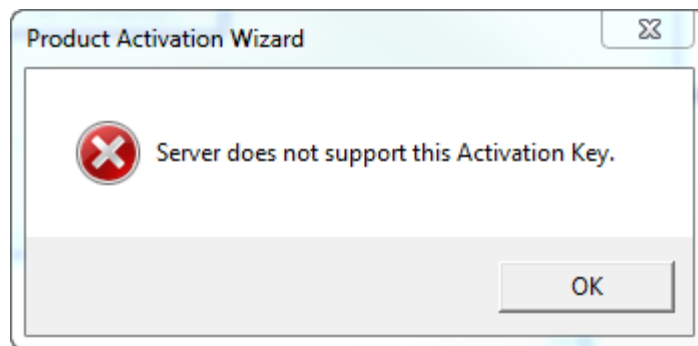
Note to CTDOT employees: To obtain your Site Activation Key, provide your Bentley Select ID in an email to: Ronald Tellier - ronald.tellier@ct.gov or Elaine Richard – elaine.richard@ct.gov



8. You should get this message:

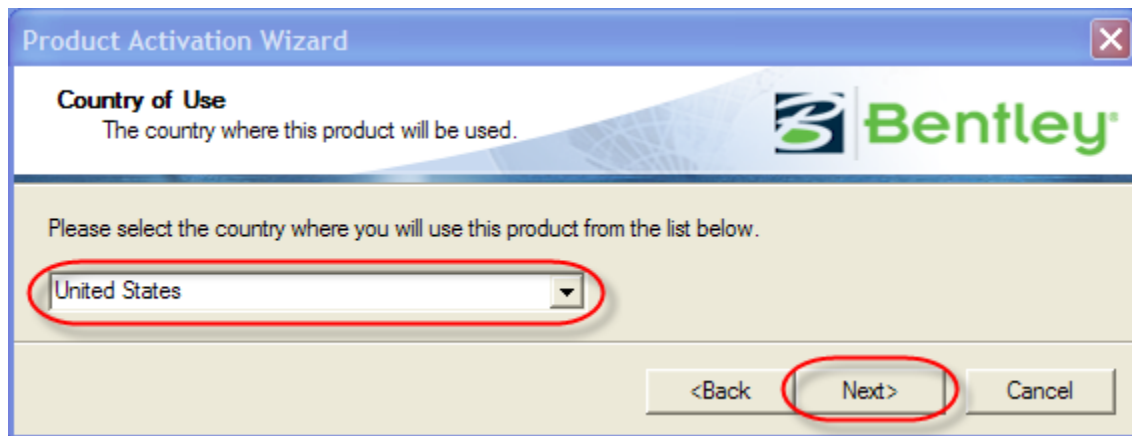


If you get:

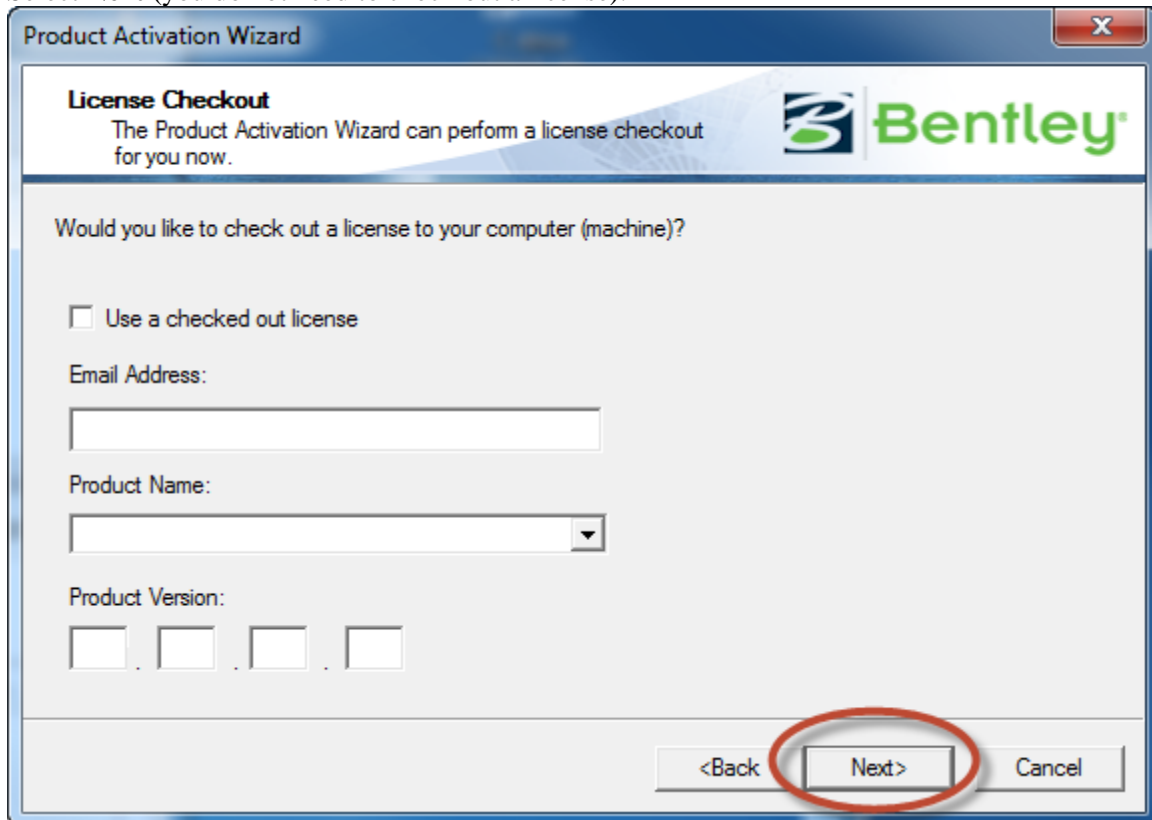


Ensure that you have entered the correct server name and activation key. If you still receive this message, contact your Bentley Administrator.

9. Pick "United States" for the Country of use and complete the activation process:

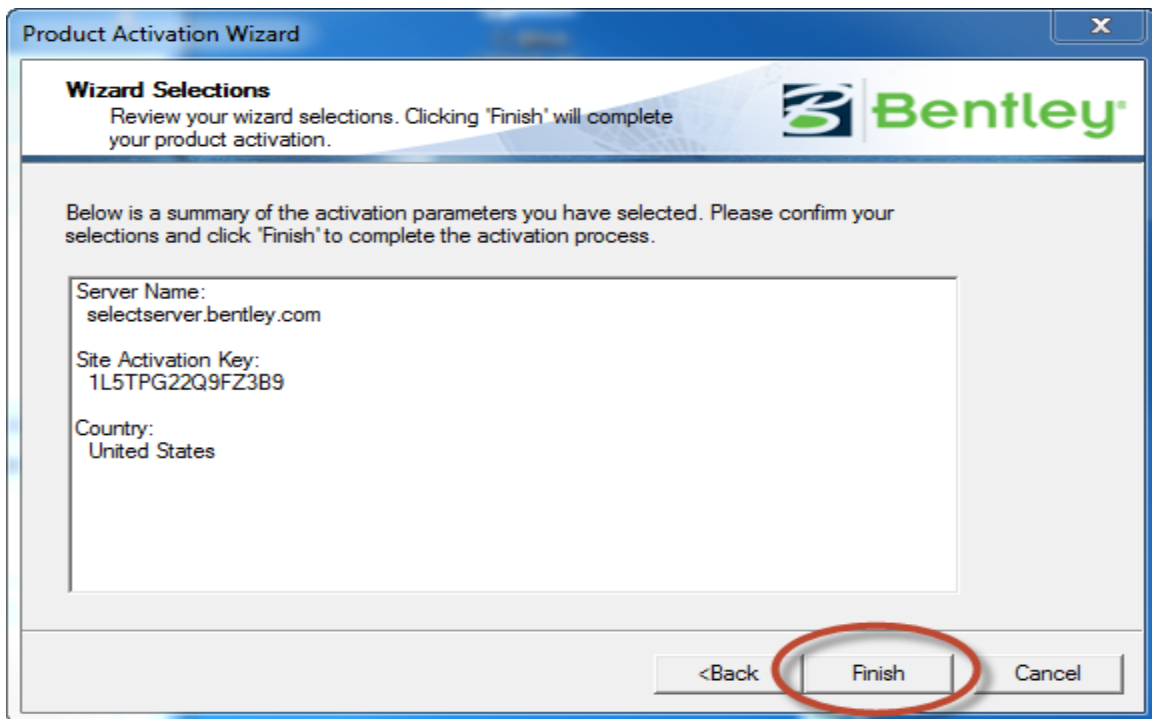


10. Select **Next** (you do not need to check out a license):



The screenshot shows the 'Product Activation Wizard' window with the 'License Checkout' tab selected. The window title is 'Product Activation Wizard'. The main heading is 'License Checkout' with a subtext: 'The Product Activation Wizard can perform a license checkout for you now.' The Bentley logo is in the top right. The question 'Would you like to check out a license to your computer (machine)?' is followed by an unchecked checkbox labeled 'Use a checked out license'. Below this are input fields for 'Email Address:', 'Product Name:' (a dropdown menu), and 'Product Version:' (four separate input boxes). At the bottom right, the '<Back', 'Next>', and 'Cancel' buttons are visible, with the 'Next>' button circled in red.

11. Select **Finish**:



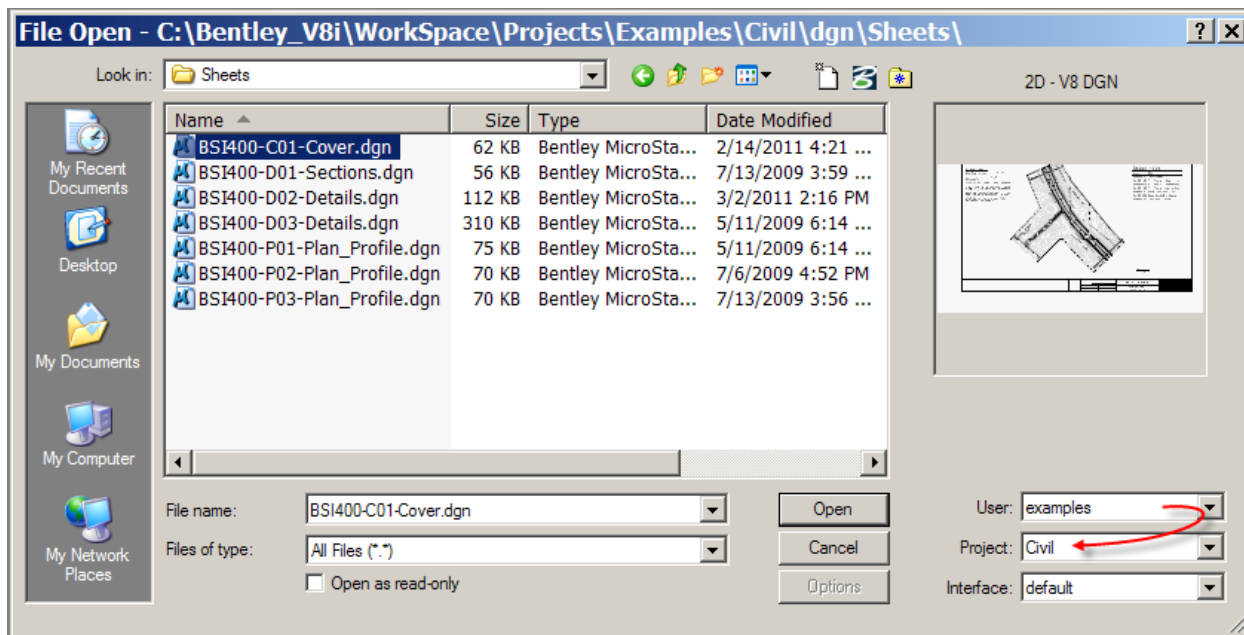
The screenshot shows the 'Product Activation Wizard' window with the 'Wizard Selections' tab selected. The window title is 'Product Activation Wizard'. The main heading is 'Wizard Selections' with a subtext: 'Review your wizard selections. Clicking 'Finish' will complete your product activation.' The Bentley logo is in the top right. The text 'Below is a summary of the activation parameters you have selected. Please confirm your selections and click 'Finish' to complete the activation process.' is followed by a summary box containing: 'Server Name: selectserver.bentley.com', 'Site Activation Key: 1L5TPG22Q9FZ3B9', and 'Country: United States'. At the bottom right, the '<Back', 'Finish', and 'Cancel' buttons are visible, with the 'Finish' button circled in red.

1.5 Step 4 “Out of the Box” MicroStation

MicroStation is now ready to use “out of the box” but has yet to be customized. There will not be CTDOT Projects to pick from nor workspace resources to use. The following section, *CTDOT Digital Design Environment*, addresses CTDOT customization.

If customization is not a concern, begin MicroStation by: *Start> All Programs> Bentley> MicroStation V8i SELECT series 2> MicroStation V8i SELECT series 2*

The delivered example shown below contains a *Civil* Project that is accessible by picking *User examples*. To activate InRoads once inside a MicroStation session, choose: *Applications> InRoads Group> Activate Inroads Suite*.

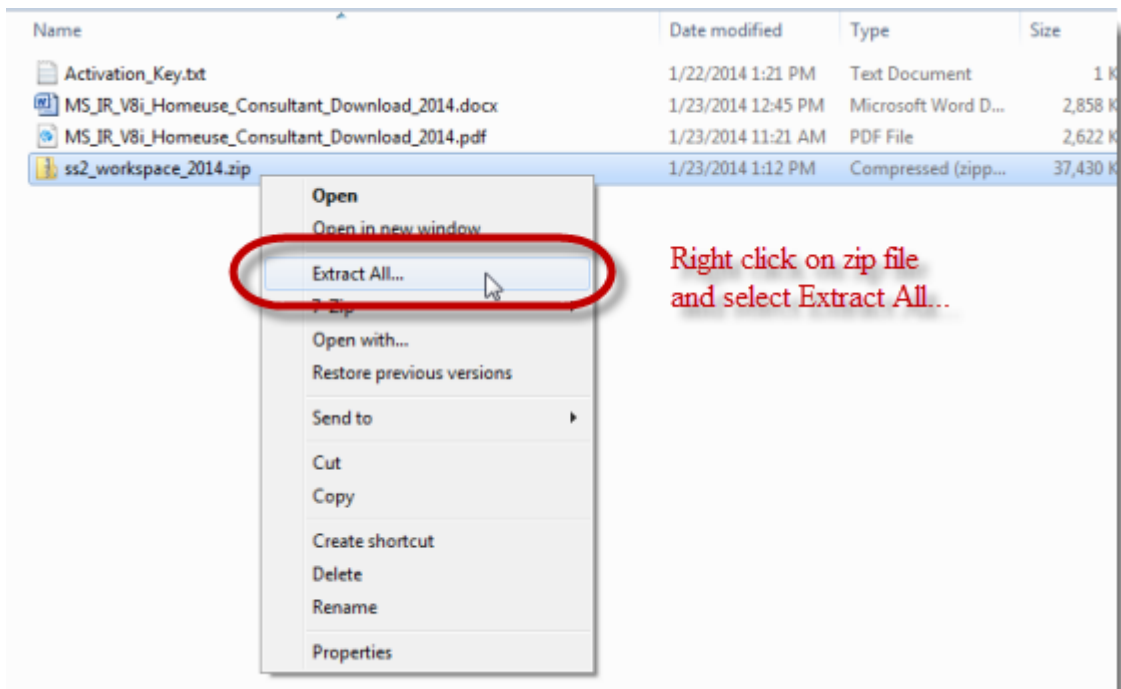


Section 2 **CTDOT Digital Design Environment**

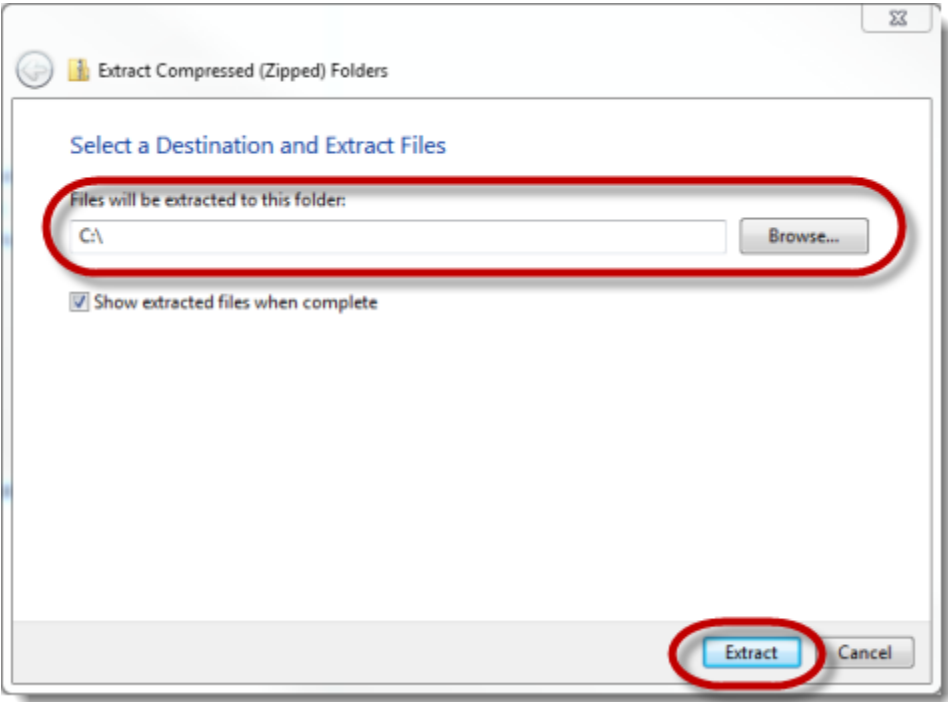
Note: If the CTDOT DDE is to be set up for a company's network, Sections 2.1 - 2.3 need only be done once by your Network Administrator.

2.1 Step 5 Downloads

1. Click on the following link: [CTDOT - SELECTseries DDE](#)
2. Under **Design Environment Set-Up** select [Download the CTDOT SELECTseries Digital Design Environment](#) and save the ss2_workspace_2014.zip file to your local drive. Right click on the zip file and select **Extract All...**:



3. Browse to the root of the C drive and select **Extract**:



Our end results folder structure will look something like this:

Name	Date modified	Type	Size
Accounting	1/7/2014 3:28 PM	File folder	
Bentley_V8i	1/7/2014 3:35 PM	File folder	
BentleyDownloads	1/22/2014 9:31 AM	File folder	
CTDOT_Projects	1/22/2014 9:30 AM	File folder	
CTDOT_V8_Workspaces	1/22/2014 9:30 AM	File folder	
DH	1/7/2014 3:23 PM	File folder	
Downloads	1/22/2014 9:31 AM	File folder	
Intel	1/7/2014 3:27 PM	File folder	
MSOCache	1/7/2014 3:37 PM	File folder	
PerfLogs	7/13/2009 11:20 PM	File folder	
Program Files	1/14/2014 9:01 AM	File folder	
Program Files (x86)	1/21/2014 8:52 AM	File folder	
ProgramData	1/22/2014 9:27 AM	File folder	
ScriptLogic	1/8/2014 7:56 AM	File folder	
Scripts	1/8/2014 6:56 AM	File folder	
Windows	1/22/2014 9:04 AM	File folder	
.rnd	1/8/2014 6:56 AM	RND File	1 KB
PAPinstall.log	1/7/2014 4:01 PM	Text Document	5 KB

Created by user in Step 1.1.1

Created automatically when extracting files in Step 1.2

Folders extracted from the zip file

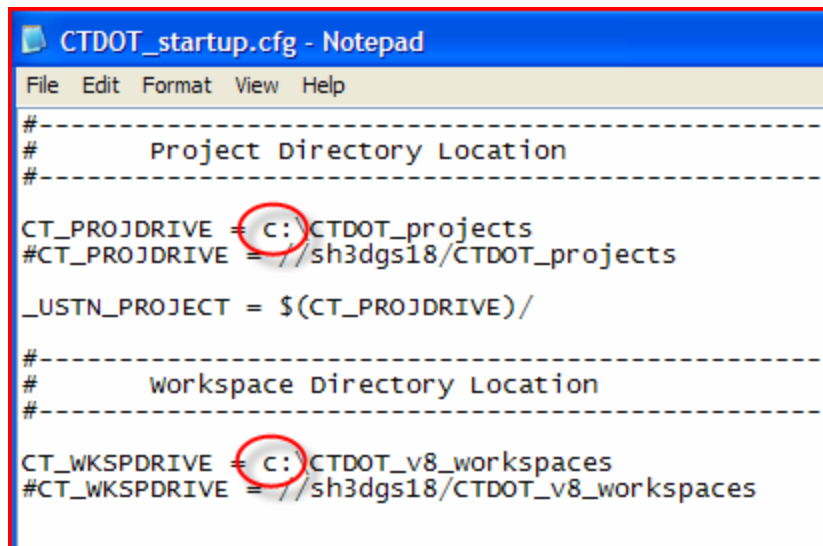
Created automatically when downloading from Bentley site in Step 1.2

2.2 Step 6 Extract/Install

2.2.1 Network Setup

Skip this section if your setup will remain on the C drive as shown above and go to 2.3.

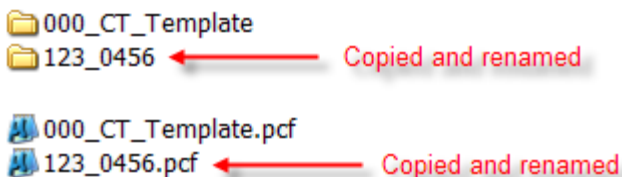
1. Move the CTDOT_Projects and CTDOT_V8_Workspaces to the server location(s). The "CTDOT_projects" folder will be located alongside the workspace folder - either remaining locally or moved to the network by your Network Administrator.
2. Open CTDOT_startup_V8i.cfg from the main CTDOT_V8_Workspaces folder with a text editor and edit the location of both the newly extracted Project and Workspace folders as shown below. Pay careful attention to spelling and save any changes. Note that MicroStation will not process any line commented out by a pound (#) sign.



2.3 Step 7 Project Creation

A project folder and a project user configuration file (.pcf) **must** be created under the CTDOT_Projects folder for InRoads/MicroStation to function properly.

1. Use the supplied template to create new projects. Browse to *C:\CTDOT_Projects*. **Copy** and **paste** both the *000_CT_Template* folder and the *000_CT_Template.pcf* file into the same directory. Rename both folder and file to a desired project name (e.g. 123_0456.) It is very important that they are named identically.



2. At this point you may wish populate the project by copying any dgn or InRoads files that you have into the appropriate folders. For the correct locations of the InRoad resource files that are contained in the CTDOT_V8_Workspaces that were extracted from the zip file, see:

http://www.ct.gov/dot/lib/dot/documents/deng/ctdot_inroads_v8i_guide.pdf

3. Open the pcf that was just copied (right click) with a text editor such as *NOTEPAD*.
4. Locate the line that has *CT_PROJECT_NUMBER = 000_CT_Template*:

```
#=====
# 000_CT_Template.pcf   CTDOT Project Configuration File
#
# Comments: (max 55 chars)
#
# Revision History:
# 04/05/2007  RLS   Returned Upper comment area to Orginal format
#                  NOTE: DO NOT change this again. Put full year in.
# 04/05/2010  RLS   Added %if !defined (MS_STORMCAD) to Project Units and Scales
#                  section. MS_STORMCAD is definid on the command lind in Accounting
#                  StormCAD can NOT use CTDOT's Units.def file.
#
#=====
# MM/DD/YYYY  XXX  New Project Created <*>Add Revisions Above this Line<*>
#=====
_USTN_PROJECTDESCR = Project Configuration

#-----
#      The text, "000_CT_Template" is replaced with the actual
#      project number, by the Project Administrator/ program
#-----

CT_PROJECT_NUMBER = 000_CT_Template

#=====
#===== DO NOT CHANGE ANYTHING ABOVE THIS EXCEPT REVISION HSITORY =====
#===== IF YOU DO IT WILL BRAKE THE PROJECT CREATION PROGRAM =====
#===== This is for InHouse Projects Only! =====
#=====
# For use with Year specific resource files
#CT_PRJ_VER = 2006
CT_PRJ_VER = 2007
```

5. Change to the project number to the same name as the folder and pcf name that you used in the previous step, i.e. *123_0456*:

```
#-----
CT_PROJECT_NUMBER = 123_0456
#-----
#===== DO NOT CHANGE ANYTHING ABOVE THIS EXCEPT REVISION HSITORY =====
#===== IF YOU DO IT WILL BRAKE THE PROJECT CREATION PROGRAM =====
#=====
```

6. **Save** and **Exit** the text file. For each new project that you wish to create, you must once again copy the project template folder and pcf files, and edit the pcf using a unique project name.

2.4 Step 8 Initial Setup

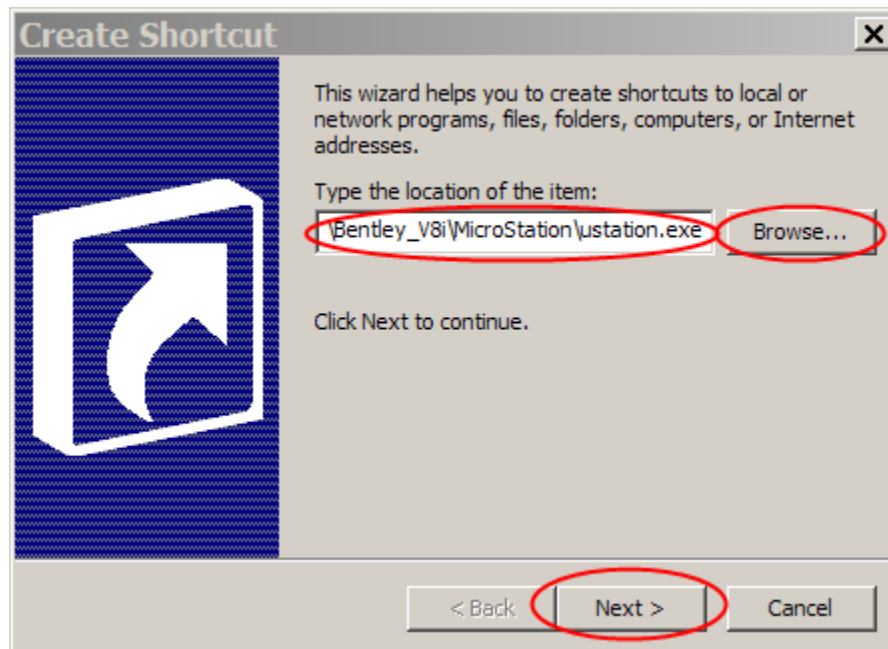
2.4.1 Desktop Shortcut

The Desktop icon **must** be **created** and **used** for accessing MicroStation/InRoads correctly.

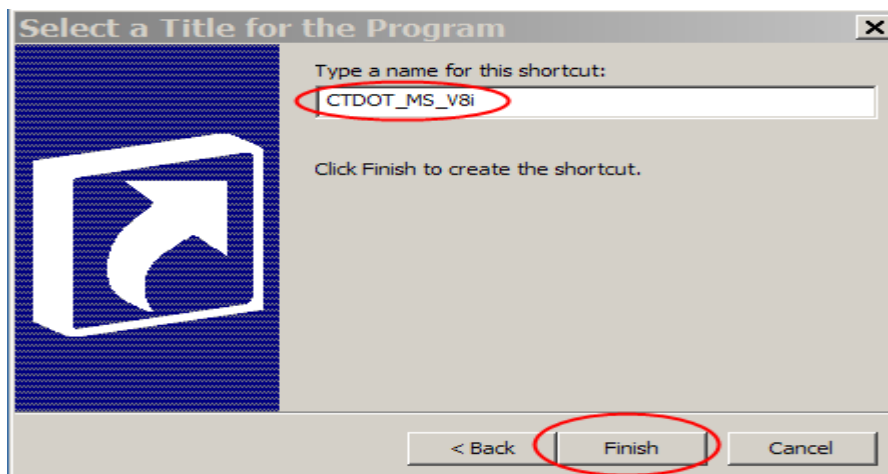
1. Browse to *C:\CTDOT_V8_Workspaces*. Copy the *CTDOT_MS_V8i* shortcut to your desktop

OR

1. Right click anywhere on your desktop and select *New>Shortcut*.
2. Select **Browse** and go to *C:\Bentley_V8i\MicroStation\ustation.exe*. Select **Next**.



3. Type in *CTDOT_MS_V8i* for a name and select **Finish**.





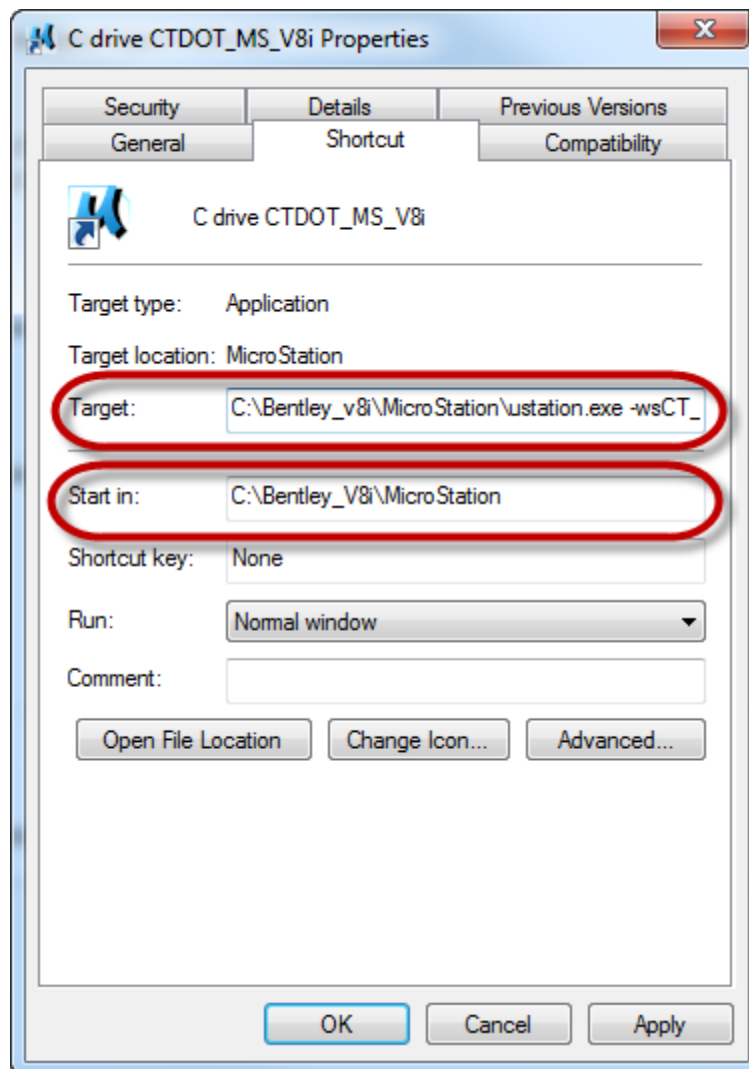
4. Right click the icon, select **Properties>Shortcut** and copy and paste the following:

Target:

C:\Bentley_V8i\MicroStation\ustation.exe -wsLoad_InRoads_SS2=1 -wc:\CTDOT_V8_Workspaces\CTDOT_startup.cfg

Start in:

C:\Bentley_V8i\MicroStation

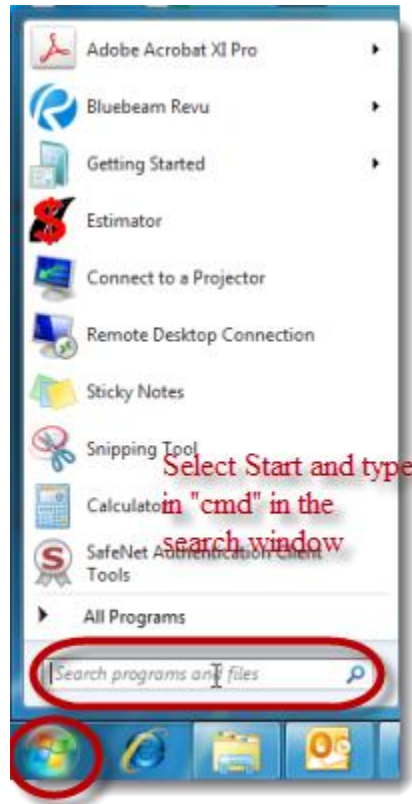


5. Select **Apply** and **OK**.

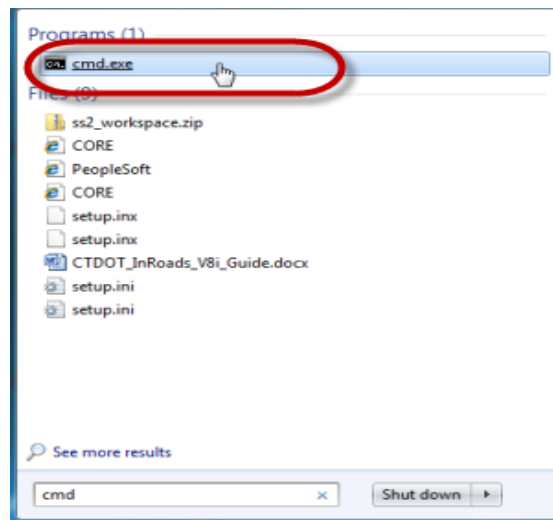
2.4.2 Windows Username

When you first open MicroStation you will be prompted to create a user name and an interface name. These names **must** be based on your Windows login username for the CTDOT DDE to function properly.

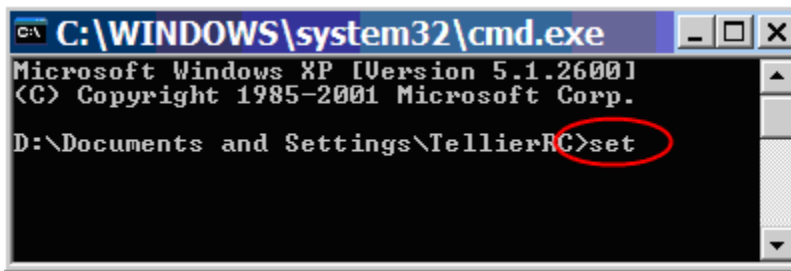
1. User Interfaces, Workspaces, and Function Key menus are based on your Windows login name\USERNAME. Your MicroStation User Name **must** be the same as your PC. To find this, select **Start**. Type in “cmd” in the search window:



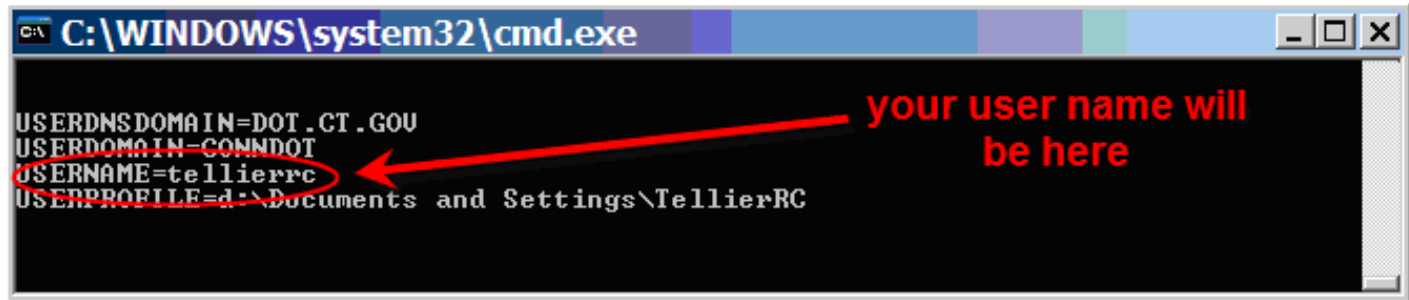
2. Select **cmd.exe**:



2. At the command prompt, type “set” and press <Enter>:



```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.
D:\Documents and Settings\TellierRC>set
```



```
C:\WINDOWS\system32\cmd.exe
USERDNSDOMAIN=DOT.CT.GOV
USERDOMAIN=COMNDOT
USERNAME=tellierrc
USERPROFILE=d:\Documents and Settings\TellierRC
```

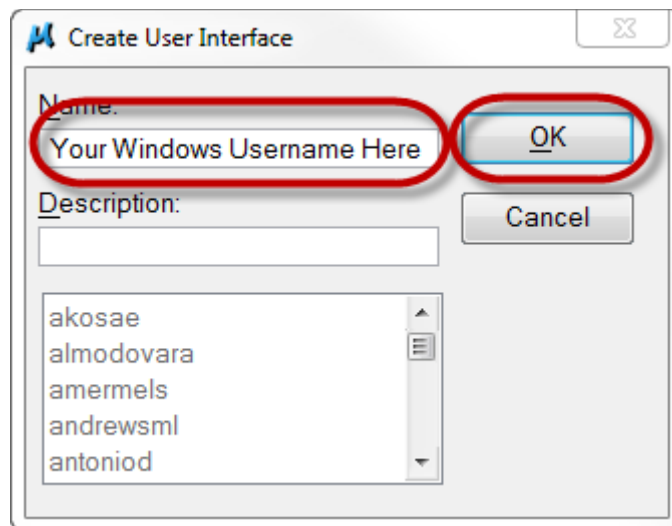
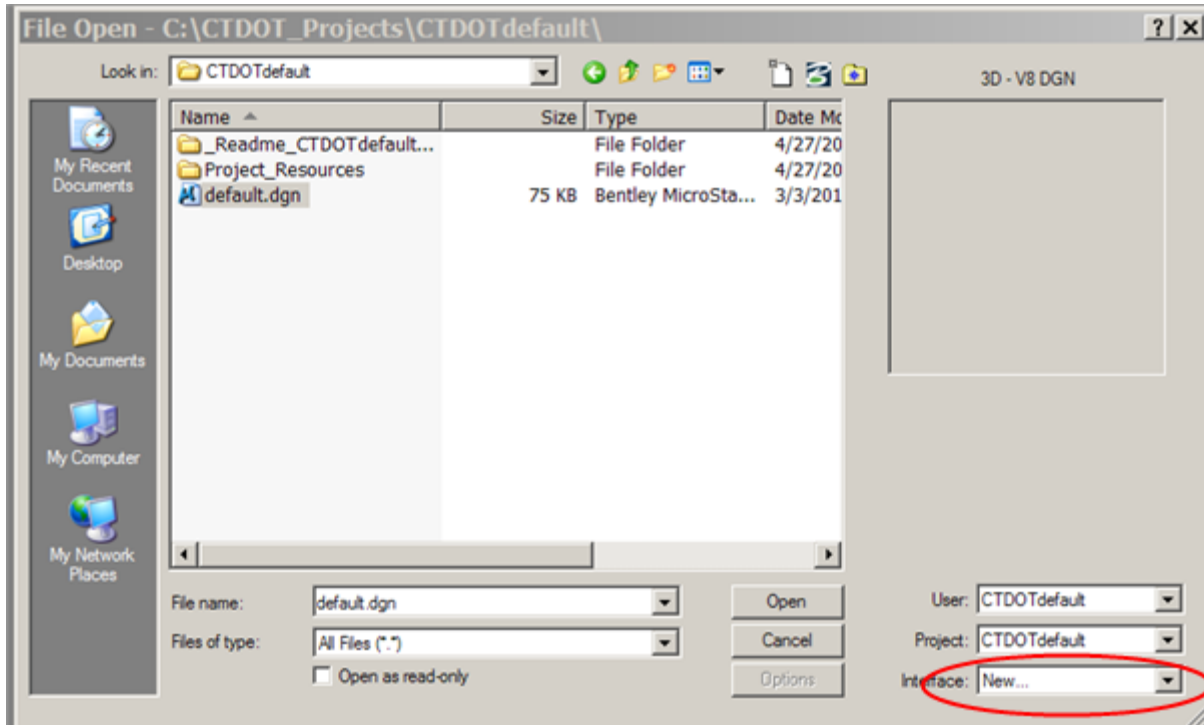
your user name will be here

3. Make a note of your username. Double click on the *CTDOT_MS_V8i* desktop shortcut to begin MicroStation:

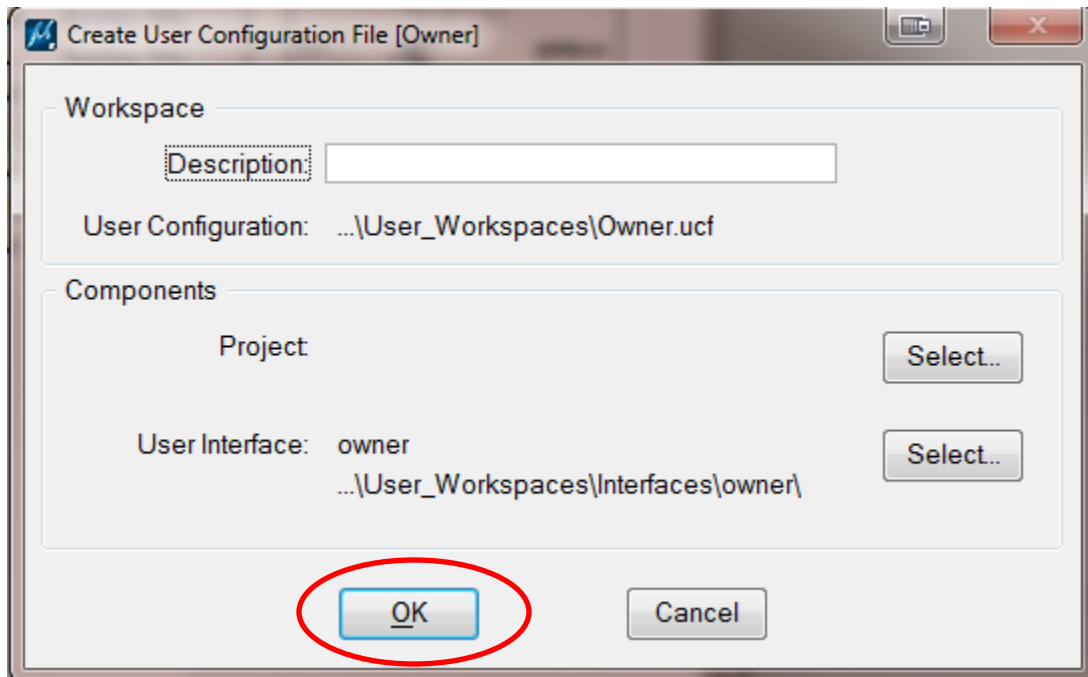


2.4.3 User Workspace

4. From the MicroStation Manager's Interface drop down list, select **New**. Type in your new MicroStation Interface name (same as your PC username from above). There is no need to enter a description. Select **OK**:

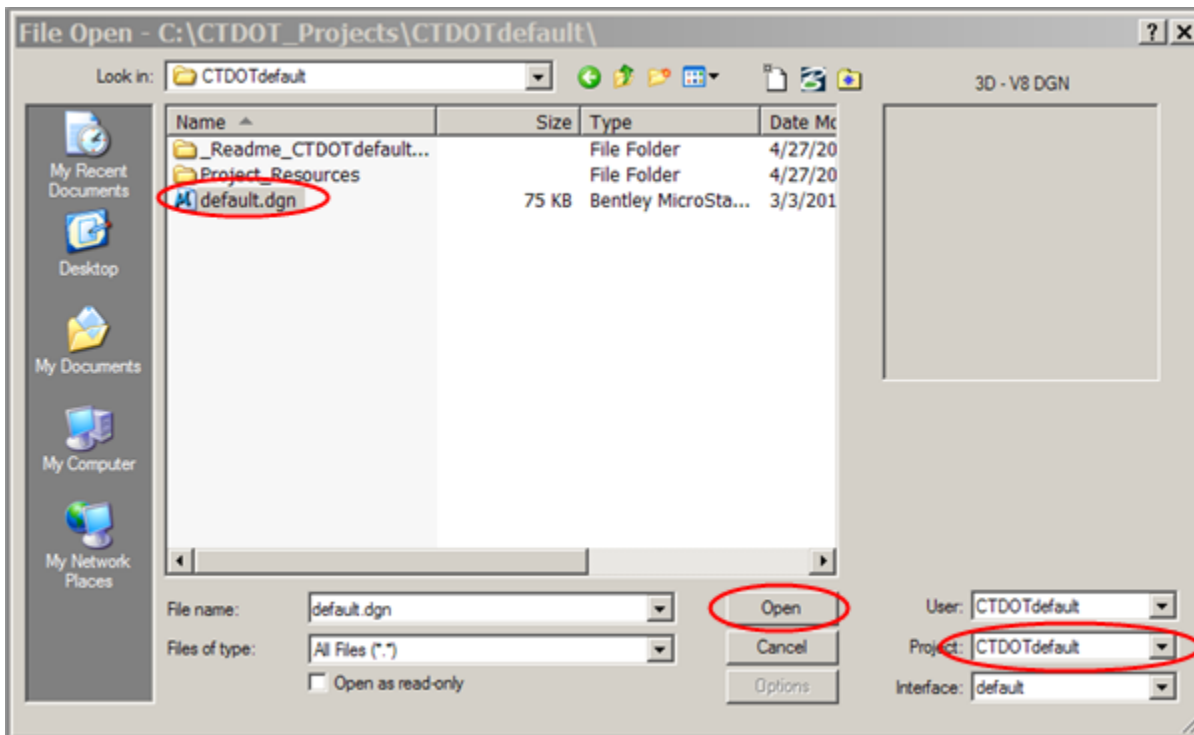


5. Repeat for User. There is no need to enter a description. Select **OK**:



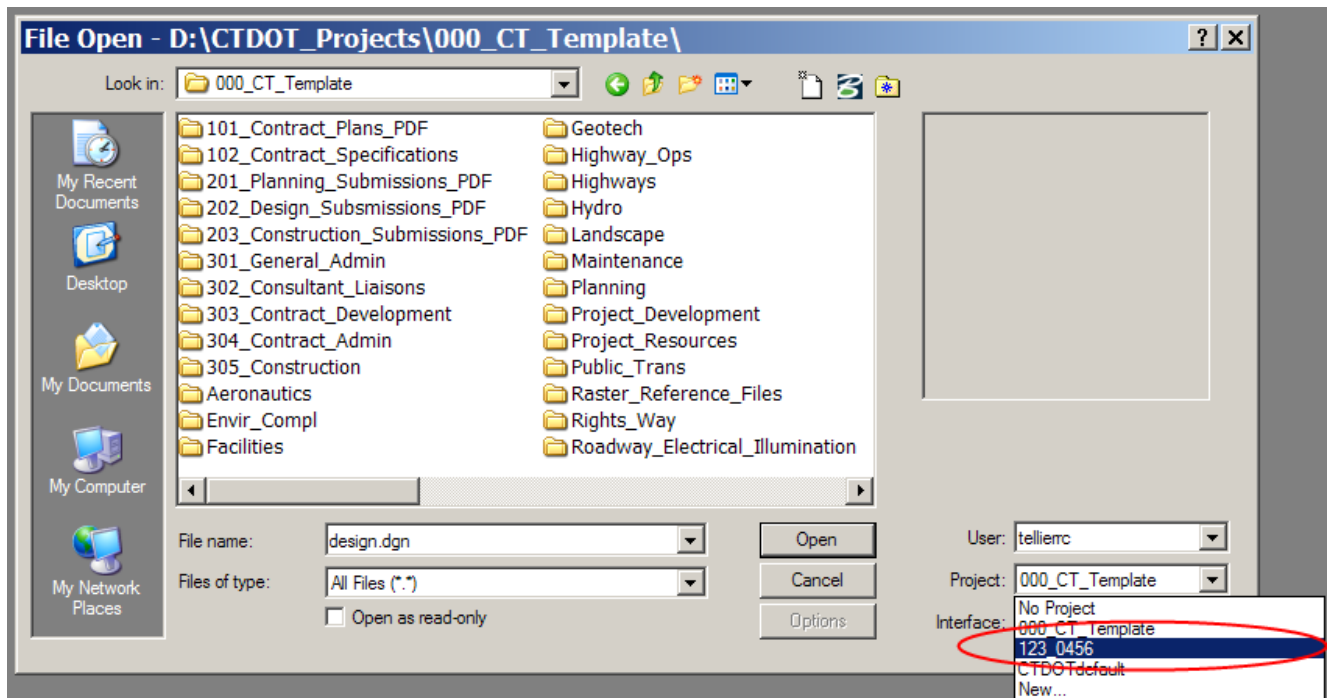
Note: Creating a user and interface needs to be done only once.

6. Select **Project** and select **CTDOTdefault**. Open the supplied test file, **default.dgn**.



IMPORTANT! Once completely in the design file, DO NOT SAVE SETTINGS and immediately exit MicroStation; if you don't initially do this, your user preferences most likely will become corrupted.

7. Start MicroStation once again from a desktop shortcut. Select a newly created Project that you made in section 2.3:



Note: When changing projects, the new project must be selected in this dialog box for reference file paths and resources to work properly.

2.5 Step 9 PDF Publishing with CTDOT 2007 Utilities

If you wish to use the *CTDOT 2007 Utilities* menu for plotting, you must create a temporary location to store pdf's. Using Windows Explorer, create a *C:\Plots* directory.

To publish plots (creating pdf's of MicroStation files) in MicroStation go to *CTCOT 2007 Utilities> PDF Publishing> Help & Workflows> PDF Publishing* and follow instructions.